Polymer

Product Code	Type	Density	Melt index	Features
Hanwha 955	LDPE	0.919 g/cm$_3$	7.7 g/10min	• Excellent Drawability • Very Small Neck-in • Excellent Heat Seal ability • Used in Flexible packaging & Paper coating applications
LDPE 722	LDPE	0.918 g/cm$_3$	8 g/10min	• Used in Flexible packaging & Paperboard coating applications • Provides optimal neck-in & draw-down performance with minimal taste/odor contribution • Good impact strength & crack resistance
ELITE 5811	LDPE	0.919 g/cm$_3$	8 g/10min	• Suitable for processing on conventional hardware • Extrusion coating resin • Low neck-in • Good heat-resistant • Enhanced water vapor barrier • Extra toughness • High performance sealant
PG 7008	LDPE	0.918 g/cm$_3$	7.7 g/10min	• Typically used in extrusion coating application • Excellent draw-down performance • Good edge stability & Low neck-in • Application: Paper, board, foil coatings for packaging food & non-food
Nucrel 0910HS	Methacrylic Acid	0.93 g/cm$_3$	10 g/10min	• For extrusion coating, coextrusion coating, and extrusion lamination • High Draw, High Stability

ELITE 5815	Alpha Olefin Polyethylene	0.910 g/cm$_3$	15 g/10min	• Offers excellent Low temperature seal initiation, Ultimate seal strength, Hot tack strength, good taste and odor performance • Monolayer & coextrusion coating for packaging applications • Coextruded with acid copolymers as a cost-effective foil or PET sealant
2006G	Polyethylene	0.961 g/cm$_3$	0.963 g/10min	• Suitable for cast film applications • Excellent filler acceptance & low torque during compounding, superior stiffness & temperature resistance • Optimum extruder output and process ability, pure or in blends • Perfect partner for down gauging
Escor 5050	Ethylene Acrylic Acid	0.936 g/cm$_3$	8.4 g/10min	• For extrusion coating, coextrusion coating, and extrusion lamination • It has very good adhesion to polar substrates, aluminum foil, metallized film, paper, iron, steel, and glass.
Exceed 3518CB Cast	Ethylene 1-hexene copolymer	0.918 g/cm$_3$	3.5 g/10min	• Peak Melting Temperature: 114 °c • Have outstanding tensile properties & impact & puncture toughness • Excellent Drawability • Application: Bag in Box, Barrier Food Packaging, Blown Film, Cast Film, Cast Stretch Film, Diaper Back sheet, Food Packaging, Form Film & Seal Packing, Hygiene Film, Packaging Film, Personal Care
Vistamaxx 6202	Olefinic Elastomer	0.863 g/cm$_3$	9.1 g/10min	• Have excellent elastomeric properties & toughness & especially good for • Thermoplastic compounding • Suitable for Films & Compounding applications that require high filler • Acceptance like Sound deadening sheets & masterbatches • Excellent adhesion to PP & PE • Very good chemical resistance and long-term aging • Very low seal initiation temperature, high seal strength • Applications: Calendared Profiles & Sheeting, Cast Film, Extruded Profiles & sheeting, Injection Molding, PP/TPE Modification

HMA 025	HDPE	0.964 g/cm$_3$	8 g/10min	• Excellent dimensional stability • Impact strength & very high stiffness • Not intended for use in medical applications & should not be used in any such applications
XL 600	LDPE	0.916 g/cm$_3$	8 g/10min	• Excellent raw material in the application of extrusion coating • Application: General extrusion coating and lamination
M24N430	Ethylene-Methacrylic-Acid-Copolymer	-	7.5 g/10min	• Good processability in mono- and coextrusion with comparable neck in and draw down to LDPE • Low fumes during processing, high purity and a low gel level • Good organoleptically properties • Application: Aluminum foil and metallized film both for industrial use, food and flexible packaging
M29N430	Ethylene-Methacrylic-Acid-Copolymer	-	8 g/10min	• Excellent processability in mono- and coextrusion at high line speed and/or low coating weights • Exhibits good sealing properties enhanced by the presence of the comonomer • Application: Aluminum foil and metallized film coating both for industrial use, food and flexible packaging
Evolue TM SP1071C	Metallocene Ethylene–α–Olefin	-	-	• Good heat resistance, good compatibility with base polymers such as: EVA, SBS, SEBS, etc. • Components of paper & paperboard in contact with aqueous & fatty foods & also dry foods • Closures with sealing gaskets for food containers • Olefin polymers, cosmetics • Application: pressure sensitive adhesive, resinous & polymeric coatings for poly olefin films

CA1910PEP	MAH grafted Polyethylene	0.932 g/cm$_3$	2 g/10min	• Low-density polyethylene • Extrusion • Coupling agent for PE based aluminum composite panels (ACP's) filled with high filler content • Chemical coupling agent for halogen free flame retardant fillers in wire and cable compounds • Application: Compatibilizer for Nylon scrap –fiber, film, or moulding form
IM3110PEP	MAH grafted Polyethylene	0.874 g/cm$_3$	0.6 g/10min	• Ultra-low-density polyethylene (ULDPE) • Adhesion promoter between metal, glass and engineering plastics with polyolefins • Application: Impact modifier for full range of unfilled polyamides for temperatures as low as -20 °C, also for mineral & glass filled polyamides
IM4430PEP	Glycidyl Methacrylate grafted Polyethylene	0.870 g/cm$_3$	3.5 g/10min	• Polyolefin elastomers • Scrap upgradation of PC, PBT and PC/PBT blends • Chemical coupling agent for mineral and glass fillers in PET & PBT compound • Useful for low temperature applications • Application: Impact modifier for full range of filled and unfilled PC, PET & PBT
IM5860PPP	MAH grafted elastomer	0.870g/cm$_3$	6.0 g/10min	• Propylene-based olefinic elastomer • Impact Modifier • Plastics moulding and extrusion process • Production of HFFR sheets, WPC for container flooring • Cost saving in TPU blends for shoe soles • Compounds for over-moulding on ABS • Application: Increasing toughness of PP and Nylon compounds for low temperature applications
AP8310PEP	MAH grafted Polyethylene	0.870 g/cm$_3$	6.0 g/10min	• Metallocene low-density polyethylene (mLLDPE) • Cast Film Extrusion • Multilayer Packaging Films • Adhesion promoter between polyethylene or most of ethylene copolymers and polyamides and EVOH • Application: Metal adhesion enhancer in metalized cast polypropylene films

TL8610PEP	MAH grafted Polyethylene	0.932 g/cm$_3$	2.0 g/10min	• Metallocene low-density polyethylene (mLLDPE) • Co-extrusion coating/lamination • Tie Layer Resin • Multilayer Packaging Films • Has to be used without dilution • Application: Specifically designed for co-extrusion coating/lamination on barrier materials like, PET, nylon or aluminum for PE and PP based structures in Lamitubes
TL8710PEP	MAH grafted Polyethylene	0.910 g/cm$_3$	1.5 g/10min	• Co-extrusion Blown Film • Metallocene low-density polyethylene (mLLDPE) • Tie Layer Resin • Multilayer Packaging Films • Can adhere to Nylon-6, Nylon6,6, and EVOH • Application: Designed to use as a tie layer resin without dilution in conventional extrusion and co-extrusion equipment for making multilayer barrier films
TL8810PEP	MAH grafted Polyethylene	0.890 g/cm$_3$	5.0 g/10min	• Cast Film Extrusion • Metallocene low-density polyethylene (mLLDPE) • Multilayer Packaging Films • Its high MFI makes it suitable for cast application • No dilution is required and should be used 100% • Application: To adhere LLDPE or LDPE or HDPE and Nylon in multilayer cast films
AP8910PEP	MAH grafted Polyethylene	1.7 g/cm$_3$	0.890 g/10min	• Co-extrusion Blown Film • Multilayer Packaging Films • Metallocene low-density polyethylene (mLLDPE) • Can be used in its pure form as well as in diluted form, depending on the inter-layer adhesion required in the end-application • Used to combine multilayer structures involving Nylon 6, Nylon 66, or EVOH for gas barrier properties with variety of HDPE, LLDPE and LDPE grades for functions like, moisture barrier, salability etc. • Application: Designed to use as a tie layer resin in conventional extrusion and co-extrusion equipment for making multilayer films
TL3280PEP	MAH grafted Polyethylene	0.890 g/cm$_3$	1.4 g/10min	• Co-extrusion Blown Film • Metallocene low-density polyethylene (mLLDPE) • Multilayer Packaging Films • Application: Used as tie layer after 60% dilution with film grade LLDPE. They can also use in Nylon/EVOH based Polyethylene recycling film as a tie layer

AP9240PPP	MAH grafted Polypropylene	0.873 g/cm$_3$	40 g/10min	• Extrusion & compounding • Used as extrudable adhesive for porous and non-porous substrates,as adhesion promoter in hot melt formulations,as Coupling agent in highly filled mineral PP compound, as well as PP based Wood-Plastics compounds (WPC) • Offers Improved adhesion to substrate such as paper board and plastic films • Application: Used in packaging and compounding sectors