

Technical Data Sheet

| Enable™ 2010RA

Description

Enable™ 2010RA is an ethylene 1-hexene copolymer resin. The flow performance polymer resins offer an outstanding balance between processing and film properties, including tensile, impact and puncture. Fluoropolymers, or fluorine-containing compounds, and TNPP are not intentionally added to Enable™ 2010RA.

Technical Specification

Antiblock: No Slip: No Alternative Processing Aid: Yes Thermal Stabilizer: Yes

Properties	Typical value	Test method
Density	0.920g/cm ³	ASTM D792
Melt index	1.0g/10min (190°C/2.16kg)	ASTM D1238
Peak melting temperature	114°C	ExxonMobil method
Vicat softening temperature	106.0°C	ExxonMobil method
Tensile strength at yield MD	9.6 Mpa	ASTM D882
Tensile strength at yield TD	10 Mpa	ASTM D882
Tensile strength at break MD	50 Mpa	ASTM D882
Tensile strength at break TD	50 Mpa	ASTM D882
Elongation at break MD	510%	ASTM D882
Elongation at break TD	720%	ASTM D882
Haze	7.0%	ASTM D1003

Applications

Agricultural film, blown film, cast film, cast stretch film, food packaging, form and fill seal packaging, heavy duty bags, lamination film, multilayer packaging film, shrink film, stand up pouches, stretch film

Processing Statement

Enable™ 2010RA mLLDPE



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Film (1 mil/25.4 micron) made on a 2.5 inch (63.5 mm) blown film line with a 2.5:1 blow-up ratio.

A melt temperature of 380-400°F (193-204°C).

A 30 mil (0.76 mm) die gap at a rate of 10 lbs/hr/in die circumference (1.79 kg/hr/cm).

Notes

Typical properties: these are not to be construed as specifications.

Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.