

Technical Data Sheet

| Exceed™ Flow+ m 0216.RA (XP 6026RA)

Description

Exceed™ Flow+ m 0216.RA is an extreme Performance linear low density polyethylene 1-hexene copolymer that is especially designed to have highmelt strength and superior tensile, impact and puncture properties. The combination of high toughness, melt stability and good sealing performance makes this grade a versatile blown film resin. Fluoropolymers, or fluorine-containing compounds, and TNPP are not intentionally added to Exceed™ Flow+ m 0216.RA. Exceed™ Flow+ m 0216.RA-when extreme Performance matters..

Technical Specification

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

Properties	Typical value	Test method
Density	0.916g/cm ³	ASTM D792
Melt index	0.20g/10min (190°C/2.16kg)	ASTM D1238
Peak melting temperature	110°C	ExxonMobil method
Tensile strength at yield MD	8.9 Mpa	ASTM D882
Tensile strength at yield TD	9.9 Mpa	ASTM D882
Tensile strength at break MD	70 Mpa	ASTM D882
Tensile strength at break TD	70 Mpa	ASTM D882
Elongation at break MD	390%	ASTM D882
Elongation at break TD	640%	ASTM D882
Secant modulus MD - 1% secant	180 Mpa	ASTM D882
Secant modulus TD - 1% secant	220 Mpa	ASTM D882
Dart drop impact	680g	ASTM D1709A
Elmendorf tear strength MD	60g	ASTM D1922
Elmendorf tear strength TD	600g	ASTM D1922

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CHEMATE TECHNOLOGY CO., LTD

Web: www.chemategroup.com

Email: sales@chemategroup.com

Whatsapp/Wechat: +86 186 2483 2876

ADD: NO.80 PUHUI ROAD,ZHENGZHOU CITY, HENAN
PROVINCE, CHINA

Puncture force	67N	ExxonMobil method
Puncture energy	4.8J	ExxonMobil method
Gloss (45°C)	44	ASTM D2457
Haze	12%	ASTM D1003

Applications

Construction liners, greenhouse film, shrink film, food packaging, heavy duty bags, geomembrane, lamination film.

Processing Statement

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 425°F.

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.