

Exceed™ 7518CB

Metallocene Polyethylene Resin

Product Description

Exceed 7518CB is a Metallocene Ethylene-Hexene Copolymer. Films made from Exceed 7518CB have outstanding tensile elongation properties while maintaining impact and puncture toughness. It also has easy processability due to its high melt index. This resin is for both monolayer and multilayer cast stretch film.

General

Availability ¹	<ul style="list-style-type: none"> Africa & Middle East Asia Pacific 	<ul style="list-style-type: none"> Europe Latin America 	<ul style="list-style-type: none"> North America
Additive	<ul style="list-style-type: none"> Antiblock: No Slip: No 	<ul style="list-style-type: none"> Processing Aid: No Thermal Stabilizer: Yes 	
Applications	<ul style="list-style-type: none"> Cast Film Cast Stretch Film Food packaging 	<ul style="list-style-type: none"> Form Fill And Seal Packaging Hygiene film Masterbatch Carrier 	<ul style="list-style-type: none"> Packaging Films
Revision Date	<ul style="list-style-type: none"> 12/01/2015 		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.918 g/cm ³	0.918 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	7.5 g/10 min	7.5 g/10 min	ASTM D1238

Film Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield MD	830 psi	5.7 MPa	ASTM D882
Tensile Strength at Yield TD	770 psi	5.3 MPa	ASTM D882
Tensile Strength at Break MD	6200 psi	43 MPa	ASTM D882
Tensile Strength at Break TD	5100 psi	35 MPa	ASTM D882
Elongation at Break MD	520 %	520 %	ASTM D882
Elongation at Break TD	650 %	650 %	ASTM D882
Secant Modulus MD - 1% Secant	14000 psi	97 MPa	ASTM D882
Secant Modulus TD - 1% Secant	17000 psi	120 MPa	ASTM D882
Dart Drop Impact ²	110 g	110 g	ASTM D1709
Elmendorf Tear Strength MD	190 g	190 g	ASTM D1922
Elmendorf Tear Strength TD	420 g	420 g	ASTM D1922

Optical Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Gloss (45°)	74	74	ASTM D2457
Haze	5.4 %	5.4 %	ASTM D1003

Legal Statement

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

Film (0.8 mil/20 micron) made from Exceed 7518CB on a Black Clawson cast line at a 5.5 inch (14 cm) melt curtain length, 530-590 F (275-310 C) melt temperature, 80 F (27 C) chill roll temperature and 750 fpm (229 mpm) line speed.

Notes

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

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

² ASTM D1709A - Dart Head Type C

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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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