

# Exceed™ 7518CB

## Metalocene 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	• Global
Additive	• Antiblock: No; Slip: No; Processing Aid: No; Thermal Stabilizer: Yes
Applications	<ul style="list-style-type: none"> <li>• Cast Flim</li> <li>• Cast Stretch Film</li> <li>• Extrusion Coating</li> <li>• Food Packaging</li> <li>• Form Fill and Seal Packaging</li> <li>• Hygiene Films</li> <li>• Masterbatch carrier</li> <li>• Packaging Films</li> </ul>
Revision Date	• January 2014

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.918 g/cm <sup>3</sup>	0.918 g/cm <sup>3</sup>	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	850 psi	5.9 MPa	ASTM D882
Tensile Strength at Yield TD	780 psi	5.4 MPa	ASTM D882
Tensile Strength at Break MD	6500 psi	45 MPa	ASTM D882
Tensile Strength at Break TD	5600 psi	39 MPa	ASTM D882
Elongation at Break MD	540 %	540 %	ASTM D882
Elongation at Break TD	680 %	680 %	ASTM D882
Modulus MD – 1% Secant	15000 psi	100 MPa	ASTM D882
Modulus TD – 1% Secant	16000 psi	110 MPa	ASTM D882
Dart Drop Impact	150 g	150 g	ASTM D1709A*
Elmendorf Tear Strength MD	220 g	220 g	ASTM D1922
Elmendorf Tear Strength TD	420 g	420 g	ASTM D1922

\* - dart head type C

Optical Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Gloss (45°)	81	81	ASTM D2457
Haze	3.6 %	3.6 %	ASTM D1003

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

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# PRELIMINARY - SUBJECT TO CHANGE

ExxonMobil Chemical Exceed 7518CB  
Metallocene Polyethylene Resin

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## Legal Statement

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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.

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## Processing Statement

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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, 475-535°F (245-280°C) melt temperature, 78°F (26°C) chill roll temperature, and 720 fpm (219 mpm) line speed.

## Notes

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

For additional technical, sales and order assistance:

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<b>Worldwide and the Americas</b>	<b>Asia Pacific</b>	<b>Europe, Middle East and Africa</b>
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