

Product Datasheet



# Enable™ 9365

## Performance Polymer

### Product Description

Enable™ 9365 is a medium density ethylene 1-hexene copolymer that offers an outstanding balance between extrusion processing and properties, including long term hydrostatic strength, gloss, and flexibility. Enable™ 9365RT has hydrostatic strength of PE-RT type 1 according to ISO 22391.

### General

Availability <sup>1</sup>	<ul style="list-style-type: none"> <li>Africa &amp; Middle East</li> <li>Asia Pacific</li> </ul>	<ul style="list-style-type: none"> <li>Europe</li> <li>Latin America</li> </ul>	<ul style="list-style-type: none"> <li>North America</li> </ul>
Additive	<ul style="list-style-type: none"> <li>Thermal Stabilizer: Yes</li> </ul>	<ul style="list-style-type: none"> <li>Metal Deactivator: Yes</li> </ul>	
Applications	<ul style="list-style-type: none"> <li>Hot and cold water pipe</li> </ul>	<ul style="list-style-type: none"> <li>Molding</li> </ul>	
Form(s)	<ul style="list-style-type: none"> <li>Pellets</li> </ul>		
Revision Date	<ul style="list-style-type: none"> <li>03/04/2021</li> </ul>		

### Resin Properties

	Typical Value (English)	Typical Value (SI)	Test Based On
Density / Specific Gravity	0.935 g/cm <sup>3</sup>	0.935 g/cm <sup>3</sup>	ASTM D792
Melt Index (190°C/2.16 kg)	0.50 g/10 min	0.50 g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	2.2 g/10 min	2.2 g/10 min	ASTM D1238
Peak Melting Temperature	255 °F	124 °C	ExxonMobil Method

### Molded Properties

	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress (2.0 in/min (51 mm/min))	5500 psi	38 MPa	ASTM D638
Tensile Strength at Yield (2.0 in/min (51 mm/min))	2800 psi	19 MPa	ASTM D638
Elongation at Yield (2.0 in/min (51 mm/min))	10 %	10 %	ASTM D638
Flexural Modulus - 1% Secant	110000 psi	730 MPa	ASTM D790B
Environmental Stress-Crack Resistance 10% Igepal	> 10000 hr	> 10000 hr	ASTM D1693
Durometer Hardness (Shore D, 15 sec)	55	55	ASTM D2240

### Legal Statement

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

### Processing Statement

All physical properties were measured on compression molded specimens.

### Notes

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

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

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**ExxonMobil**

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For additional technical, sales and order assistance: [www.exxonmobilchemical.com/ContactUs](http://www.exxonmobilchemical.com/ContactUs)

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