



INFUSE™ 9900

Olefin Block Copolymer

Overview INFUSE™ 9900 Olefin Block Copolymer is a high flow olefin elastomer. It is readily formulated for a variety of applications.

Main Characteristics:

- High flow product
- General purpose elastomer

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.880 g/cm ³	0.880 g/cm ³	ASTM D792
Melt Index (190°C/2.16 kg)	30 g/10 min	30 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus - 100% Secant ¹ (Injection Molded)	580 psi	4.00 MPa	ASTM D638
Tensile Strength ¹ (Break, Injection Molded)	640 psi	4.41 MPa	ASTM D638
Tensile Elongation ¹ (Break, Injection Molded)	780 %	780 %	ASTM D638
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Break)	735 psi	5.07 MPa	ASTM D412
Tensile Elongation ² (Break)	870 %	870 %	ASTM D412
Tear Strength	271 lbf/in	47.5 kN/m	ASTM D624
Compression Set			ASTM D395
70°F (21°C)	38 %	38 %	
158°F (70°C)	98 %	98 %	
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness			ASTM D2240
Shore A, Injection Molded	78	78	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Melting Temperature (DSC)	252 °F	122 °C	Dow Method

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹ 20 in/min (510 mm/min)

² Die C

