



TECHNICAL DATA SHEET

POE

**1730 NE Miller Street
McMinnville, OR 97128
(503) 434-5561**

Properties	Test Method	Value
Typical Physical		
Melt Index, 190°C/2.16 kg, dg/min	ASTM D 1238	1.6
Density, g/cm ³	ASTM D 792	0.897
Mooney Viscosity, ML 1 + 4 @ 121°C	ASTM D 1646	13
Typical Molded		
Ultimate Tensile Strength, MPa	ASTM D 638*	20.4
Ultimate Tensile Elongation, %	ASTM D 638*	690
100% Modulus, MPa	ASTM D 638*	6.3
Hardness	ASTM D 2240	
Shore A		86
Shore D		36
Flexural Modulus, MPa	ASTM D 790	
1% Secant		54.2
2% Secant		54.3
Tear Strength, Type C, kN/m	ASTM D 624	78.9
Typical Thermal		
Vicat Softening Point, °C	ASTM D 1525	75
DSC Melting Point, 10°C/min rate, °C	MANUF	93
Glass Transition Temperature, °C	MANUF	-33
Tc Peak, °C	MANUF	76

* 508 mm/mm

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