

**TES J-80/10 NAT**

Techmer Polymer Modifiers - Acetal (POM) Copolymer

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East      • Europe      • North America • Asia Pacific      • Latin America
RoHS Compliance	• RoHS Compliant
Forms	• Pellets

**ASTM & ISO Properties <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	1.48		ASTM D792
Molding Shrinkage - Flow (0.125 in)	6.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.26	%	ASTM D570
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength	9000	psi	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	625000	psi	ASTM D790
Flexural Strength	14700	psi	ASTM D790
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Notched Izod Impact	0.80	ft·lb/in	ASTM D256
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Deflection Temperature Under Load (264 psi, Unannealed)	315	°F	ASTM D648

