



## DEXFLEX 1203

**DESCRIPTION:**

DEXFLEX<sup>®</sup> 1203 is a thermoplastic olefinic elastomer (TPO) designed for automotive interior applications that require toughness and excellent colorability. This material is readily processed into injection molded parts and exhibits excellent weatherability.

**APPLICATIONS:**

Scuff plates, A-pillar covers, and other applications that must meet exacting dimensional tolerances for interior applications

PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
<b>PHYSICAL</b>			
Hardness	72	Shore D	ASTM D-2240
Specific Gravity	0.93		ASTM D-792
Mold Shrinkage	0.014	in/in	ASTM D-955
Melt Flow Rate	6.0	g/10 min	ASTM D-1238, <i>Cond. L</i>
<b>MECHANICAL</b>			
Flexural Modulus	200,000 (1,380)	psi (MPa)	ASTM D-790 <i>TAN, 0.5 in/min</i>
Tensile Strength - Ultimate	3,500 (24)	psi (MPa)	ASTM D-638 <i>IV, 2 in/min</i>
Gardner Impact @ Room Temperature	>45 (5)	in-lb (J)	ASTM D-5420
@ -30°C	>10 (1)	in-lb (J)	
<b>THERMAL</b>			
Deflection Under Load @ 455 KPa	113	°C	ASTM D-648
CLTE	3.0 x 10 <sup>-5</sup> (5.4 x 10 <sup>-5</sup> )	in/in/°F (mm/mm/°C)	ASTM D-696 <i>Modified</i>

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