



**DEXFLEX E900**

**DESCRIPTION:**

DEXFLEX® E900 thermoplastic olefinic elastomer (TPO) is designed for industrial exterior applications that require toughness and colorability. This extrusion-grade material is readily processed into a variety of sheet and profile products and can be supplied with or without UV stabilizers.

**APPLICATIONS:**

Sheet and profile extrusion

PROPERTY	TYPICAL VALUE	UNITS	ASTM METHOD
<b>PHYSICAL</b>			
Hardness	63	Shore D	D-2240
Specific Gravity	0.92		D-792
Melt Flow Rate (230°C, 2.16 kg load)	1.2	g/10 min	D-1238 Procedure A
<b>MECHANICAL</b>			
Flexural Modulus	90,000 (621)	psi (MPa)	D-790 I.B., TAN, 0.5 in/min
Tensile Strength @ Yield	2,500 (18)	psi (MPa)	D-638 IV, 2 in/min
Elongation @ Break	625	%	D-638
Gardner Impact @ 23°C	>320 (36)	in-lb (J)	D-5420-96
@ -30°C	>320 (36)	in-lb (J)	
<b>THERMAL</b>			
CLTE (-30°C to 80°C)	5.0 x 10 <sup>-5</sup> (9.0 x 10 <sup>-5</sup> )	in/in/°F (mm/mm/°C)	D-696, Modified

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