SOLVAY ENGINEERED POLYMERS

technical data

DEXFLEX 950

DESCRIPTION:

DEXFLEX® 950 is a thermoplastic olefinic elastomer (TPO) designed for automotive exterior applications that require a combination of stiffness, low-temperature impact resistance, and excellent processability.

APPLICATIONS:

Bumper fascias, and other large components that must exhibit durable paintability in exterior body colors

PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
PHYSICAL			
Density	0.97	g/cm^3	ISO 1183
As Molded Mold Shrinkage	.010 - .012	mm/mm	ISO 294
After Bake Mold Shrinkage	.010 - .013	mm/mm	ISO 294
Melt Flow Rate	18.5	g/10 min	ISO 1133
MECHANICAL			
Flexural Modulus	1250	MPa	ISO 178 *80x10x4mm specimen, 2 mm/min*
Tensile Strength at Yield	19.0	MPa	ISO 527-1 and 527-2 *150x10x4 mm specimen, 50 mm/min*
Multiaxial Impact Strength @ 23°C	19	J	ASTM D3763 *2.2 m/s*
THERMAL			
CLTE	8.0×10^{-5}	$mm/mm/^oC$	ASTM E228 *-30°C to 80°C*

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