



DEXFLEX 815

DESCRIPTION:

DEXFLEX[®] 815 is a thermoplastic olefinic elastomer (TPO) designed for exterior automotive 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			
Specific Gravity	0.93		ASTM D-792
As Molded Mold Shrinkage	.011 - .014	mm/mm	ISO 294
Melt Flow Rate	18.0	g/10 min	ASTM D-1238, <i>Cond. L</i>
MECHANICAL			
Flexural Modulus	1000	MPa	ASTM D-790 <i>I.B., TAN, 0.5 in/min</i>
Tensile Strength at Yield	16.2	MPa	ASTM D-638, IV <i>2 in/min</i>
THERMAL			
CLTE	7.2×10^{-5}	mm/mm/°C	D-696, <i>Modified</i>

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