

## Solvay Engineered Polymers DEXFLEX® 880-1 TPO (discontinued \*\*)

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO) , Polyolefin

### Material Notes:

Description: DEXFLEX® 880-1 is a thermoplastic olefinic elastomer (TPO) designed for exterior automotive applications requiring a combination of stiffness, low-temperature impact, good processability, excellent paint durability, and excellent weatherability.

Applications: Bumper fascias and other large components requiring durable paintability in exterior body colors. Information provided by Solvay Engineered Polymers. LyondellBasell acquired Solvay Engineered Polymers in 2008. This grade is not part of the current LyondellBasell product line.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-Engineered-Polymers-DEXFLEX-880-1-TPO-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Solvay-Engineered-Polymers-DEXFLEX-880-1-TPO-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.890 g/cc	0.890 g/cc	ASTM D792
Linear Mold Shrinkage	0.011 - 0.014 cm/cm	0.011 - 0.014 in/in	after bake; ISO 294
Melt Flow	13 g/10 min	13 g/10 min	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	19.0 MPa	2760 psi	2 in/min; ASTM D638
Flexural Modulus	0.725 GPa	105 ksi	I.B., TAN, 0.5 in/min; ASTM D790

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