

## Solvay Engineered Polymers DEXPRO® R120 TPV - High-Impact Polypropylene (discontinued \*\*)

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Vulcanizate Elastomer (TPV) , Polypropylene (PP)

### Material Notes:

Description: DEXPRO® R120 is a reactor-grade thermoplastic elastomeric olefin resin with a good balance of impact performance, stiffness, and paintability. Applications: Painted bumper fascias  
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-DEXPRO-R120-TPV-High-Impact-Polypropylene-nbspdiscontinued.php](http://www.lookpolymers.com/polymer_Solvay-Engineered-Polymers-DEXPRO-R120-TPV-High-Impact-Polypropylene-nbspdiscontinued.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.890 g/cc	0.890 g/cc	ISO 1183
Linear Mold Shrinkage	0.011 - 0.014 cm/cm	0.011 - 0.014 in/in	as molded; ISO 294
	0.015 - 0.018 cm/cm	0.015 - 0.018 in/in	after bake; ISO 294
Melt Flow	25.5 g/10 min	25.5 g/10 min	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa	2900 psi	150x10x4 mm specimen, 50 mm/min; ISO 527-1/527-2
Flexural Modulus	0.850 GPa	123 ksi	80x10x4 mm specimen, 2 mm/min; ISO 178
Impact Test	20.0 J	14.8 ft-lb	multiaxial, 2.2 m/s; ASTM D3763

Thermal Properties	Metric	English	Comments
CTE, linear	11.8 µm/m-°C	6.56 µin/in-°F	ASTM E228
	@Temperature -30.0 - 80.0 °C	@Temperature -22.0 - 176 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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