

Dow SPECTRIM™ 35-S Reaction Moldable Polymer

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

SPECTRIM™ 35-S reaction moldable polymer is a two-component polyurethane system that incorporates advanced internal mold release (IMR) technology developed by the Dow Chemical Company. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-SPECTRIM-35-S-Reaction-Moldable-Polymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	20.7 MPa	3000 psi	ASTM D412
Elongation at Break	240 %	240 %	ASTM D412
Flexural Modulus	0.241 GPa	35.0 ksi	ASTM D790
Tear Strength	87.7 kN/m	500 pli	ASTM D624
Heat Distortion	360 %	360 %	4" Heat sag - 250°F / 60 min (1/8" thickness); ASTM D3769

Processing Properties	Metric	English	Comments
Mold Temperature	7.22 - 73.9 °C	45.0 - 165 °F	
Injection Pressure	9.65 - 17.2 MPa	1400 - 2500 psi	
Gel Time	0.0300 min	0.0300 min	

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