

## NIZHNEKAMSKNEFTEKHIM 524B General Purpose Polystyrene

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Molded, Unreinforced

### Material Notes:

Polystyrene intended to produce glossy coating by co-extrusion. A specialty recipe provides for drastic reduction of buildup in a die plate and of streaks on an article in molding. Information provided by manufacturer

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NIZHNEKAMSKNEFTEKHIM-524B-General-Purpose-Polystyrene.php](http://www.lookpolymers.com/polymer_NIZHNEKAMSKNEFTEKHIM-524B-General-Purpose-Polystyrene.php)

Physical Properties	Metric	English	Comments
Melt Flow	7.0 - 11 g/10 min @Load 5.00 kg, Temperature 200 °C	7.0 - 11 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 37.0 MPa	>= 5370 psi	ASTM D638
Flexural Strength	>= 80.0 MPa	>= 11600 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	>= 92.0 °C	>= 198 °F	ASTM D1525

Chemical Properties	Metric	English	Comments
Styrene Content	<= 0.050 %	<= 0.050 %	p. 4.10 of the TU

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