

NIZHNEKAMSKNEFTEKHIM 585 General Purpose Polystyrene

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

Material Notes:

Grade 585 is a high molecular weight, low melt-flow crystal polystyrene. This polymer is tailored for extruded foam applications such as egg cartons, meat trays and food service. It is also suited for production of oriented polystyrene sheet. Information provided by manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_NIZHNEKAMSKNEFTEKHIM-585-General-Purpose-Polystyrene.php

Physical Properties	Metric	English	Comments
Melt Flow	1.5 - 3.5 g/10 min	1.5 - 3.5 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 200 °C	@Load 11.0 lb, Temperature 392 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 38.0 MPa	>= 5510 psi	ASTM D638
Flexural Strength	>= 95.0 MPa	>= 13800 psi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	>= 98.0 °C	>= 208 °F	ASTM D1525

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

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