

DSM Akulon® F230-C PA6

Category : Polymer , Film , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Extruded

Material Notes:

Medium Viscosity, Extrusion, Injection Molding

Order this product through the following link:

http://www.lookpolymers.com/polymer_DSM-Akulon-F230-C-PA6.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	dry; ISO 1183
Viscosity	600000 cP	600000 cP	
	@Shear Rate 1000 1/s, Temperature 280 °C	@Shear Rate 1000 1/s, Temperature 536 °F	
	800000 cP	800000 cP	
	@Shear Rate 1000 1/s, Temperature 260 °C	@Shear Rate 1000 1/s, Temperature 500 °F	
	800000 cP	800000 cP	
	@Shear Rate 0.100 1/s, Temperature 280 °C	@Shear Rate 0.100 1/s, Temperature 536 °F	
Viscosity	950000 cP	950000 cP	
	@Shear Rate 1000 1/s, Temperature 240 °C	@Shear Rate 1000 1/s, Temperature 464 °F	
	1.00e+6 cP	1.00e+6 cP	
	@Shear Rate 0.100 1/s, Temperature 260 °C	@Shear Rate 0.100 1/s, Temperature 500 °F	
Viscosity	1.50e+6 cP	1.50e+6 cP	
	@Shear Rate 0.100 1/s, Temperature 240 °C	@Shear Rate 0.100 1/s, Temperature 464 °F	
Viscosity Test	195 cm ³ /g	195 cm ³ /g	Viscosity Number; ISO 307, 1157, 1628

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	100 µm/m-°C	55.6 µin/in-°F	ISO 11359-1/-2

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