

DSM Akulon® F-X9182 PA6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

Material Notes:

Low/Medium Viscosity

Order this product through the following link:

http://www.lookpolymers.com/polymer_DSM-Akulon-F-X9182-PA6.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in ³	dry; ISO 1183
Viscosity	150000 cP	150000 cP	
	@Shear Rate 1000 1/s, Temperature 290 °C	@Shear Rate 1000 1/s, Temperature 554 °F	
	175000 cP	175000 cP	
	@Shear Rate 1000 1/s, Temperature 260 °C	@Shear Rate 1000 1/s, Temperature 500 °F	
	175000 cP	175000 cP	
	@Shear Rate 0.100 1/s, Temperature 290 °C	@Shear Rate 0.100 1/s, Temperature 554 °F	
Viscosity Measurement	200000 cP	200000 cP	
	@Shear Rate 1000 1/s, Temperature 230 °C	@Shear Rate 1000 1/s, Temperature 446 °F	
Viscosity Test	225000 cP	225000 cP	
	@Shear Rate 0.100 1/s, Temperature 260 °C	@Shear Rate 0.100 1/s, Temperature 500 °F	
Thickness	350000 cP	350000 cP	
	@Shear Rate 0.100 1/s, Temperature 230 °C	@Shear Rate 0.100 1/s, Temperature 446 °F	
Viscosity Measurement	2.6	2.6	RSV formic acid, 1g/100ml; DSM method
Viscosity Test	160 cm ³ /g	160 cm ³ /g	Viscosity Number; ISO 307, 1157, 1628
Thickness	50.0 microns	1.97 mil	film

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	90.0 µm/m-°C	50.0 µin/in-°F	dry; ISO 11359-1/-2

Descriptive Properties	Value	Comments
------------------------	-------	----------

Extrusion Type Descriptive Properties	Cast Film Value	Comments
--	--------------------	----------

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China