

# DSM Novamid® 2030CA FC PA666

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66

## Material Notes:

Film Extrusion, Extrusion, Extrusion Grade

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	dry; ISO 1183
Moisture Absorption	3.50 %	3.50 %	Sim. To ISO 62
Viscosity	90000 cP	90000 cP	
	@Shear Rate 10000 1/s, Temperature 240 °C	@Shear Rate 10000 1/s, Temperature 464 °F	
	90000 cP	90000 cP	
	@Shear Rate 10000 1/s, Temperature 260 °C	@Shear Rate 10000 1/s, Temperature 500 °F	
	90000 cP	90000 cP	
	@Shear Rate 10000 1/s, Temperature 280 °C	@Shear Rate 10000 1/s, Temperature 536 °F	
	2.00e+6 cP	2.00e+6 cP	
	@Shear Rate 0.100 1/s, Temperature 280 °C	@Shear Rate 0.100 1/s, Temperature 536 °F	
Viscosity Test	3.00e+6 cP	3.00e+6 cP	
	@Shear Rate 0.100 1/s, Temperature 260 °C	@Shear Rate 0.100 1/s, Temperature 500 °F	
	4.50e+6 cP	4.50e+6 cP	
	@Shear Rate 0.100 1/s, Temperature 240 °C	@Shear Rate 0.100 1/s, Temperature 464 °F	
Viscosity Test	246 cm <sup>3</sup> /g	246 cm <sup>3</sup> /g	Viscosity Number; ISO 307, 1157, 1628
Thermal Properties	Metric	English	Comments
Melting Point	200 °C	392 °F	10°C/min; ISO 11357-1/-3