

HiDura™ PTR 840C

copolyamide 66/6

HiDura PTR 840C is a polyamide copolymer. This grade exhibits a combination of high melt strength, high melt temperature, and good processability on both monolayer and multilayer film processes.

General

Regional Availability	• North America • South and Central America	• Europe • Near East/Africa	• Asia Pacific
Features	• Chemical Resistant • High Viscosity	• Copolymer	• High Melt Strength
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Blow Molding • Thermoforming	• Film Extrusion	• Other Extrusion

Physical	dry	cond.	Unit	Test Standard
Density	1.12	-	g/cm ³	ISO 1183
Water Absorption				ISO 62
Equilibrium, 23°C, 50% RH	2.7	*	%	
Water Absorption, Saturation, 23°C	9		%	ISO 62
Relative Viscosity, Sulphuric Acid	4		-	ISO 307
Moisture Content	≤ 0.1		%	ASTM D 6869

Thermal	dry	cond.	Unit	Test Standard
Melting Temperature	230	*	°C	ISO 11357-3

Extrusion	Value	Unit
Cylinder Zone 1 Temp	265 - 280	°C
Cylinder Zone 2 Temp	265 - 280	°C
Cylinder Zone 3 Temp	260 - 275	°C
Cylinder Zone 4 Temp	250 - 270	°C
Cylinder Zone 5 Temp	245 - 265	°C
Melt temperature	260 - 280	°C
Die temperature	260 - 280	°C