

Y-120
UGCC Homo Polypropylene (Yarn grade)
Application
Monofilament, yarn

Physical Properties*			
Physical	Testing methods	Nominal values	
Density (by Gradient technique)	ASTM D 1505	gr/cm ³	0.85-0.95
Melt Flow Rate	ASTM D 1238	g/10min	0.8-1.2
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	kg f/cm ²	300
Elongation at Break, min.	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	kg f/cm ²	13500
Impact			
Notched Izod Impact Strength (23 °C), min.	ASTM D 256	kg f cm/cm	3
Notched Izod Impact Strength (-10 °C), min.	ASTM D 256	kg f cm/cm	-
Thermal			
Heat Distortion Temperature (4.6 kgf/cm²), min.	ASTM D 648	°C	100
Vicat Softening Point	ASTM D 1525	°C	150

August, 2016

Note: Above data are based on information provided by Licensor and it is not to be construed as specifications, the latest exact data can be obtained from Uz-Kor Gas Chemical Central Plant Laboratory