

GUR® X 161 - PE-UHMW

Experimental Grade. Please contact your Celanese representative for further information.

Description

Hydrophilic, very fine particle size, low bulk density UHMW-PE powder grade

Physical properties	Value	Unit	Test Standard
Elongational Stress F, 150/10	0.21	MPa	ISO 11542-2
Average molecular weight	4.2E6	g/mol	Margolies' Equation
Density	930	kg/m ³	ISO 1183
Melt flow rate, MFR	<0.1	g/10min	ISO 1133
MFR temperature	190	°C	ISO 1133
MFR load	21.6	kg	ISO 1133
Intrinsic viscosity	1900	cm ³ /g	ISO 1628-3
Viscosity number (PE and PP)	2100	cm ³ /g	ISO 1628-3
Average particle size, d50	30	µm	Laser scattering