



ELITE™ 5220B

Enhanced Polyethylene Resin

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.915 g/cm ³	0.915 g/cm ³	ASTM D792
Melt Index (190°C/2.16 kg)	3.5 g/10 min	3.5 g/10 min	ASTM D1238
Films	Nominal Value (English)	Nominal Value (SI)	Test Method
Film Thickness - Tested	0.79 mil	20 µm	
Film Puncture Resistance (0.79 mil (20 µm))	326 ft-lb/in ³	27.0 J/cm ³	Dow Method
Tensile Strength			ASTM D882
MD : Yield, 0.79 mil (20 µm)	2180 psi	15.0 MPa	
TD : Yield, 0.79 mil (20 µm)	2470 psi	17.0 MPa	
MD : Break, 0.79 mil (20 µm)	5800 psi	40.0 MPa	
TD : Break, 0.79 mil (20 µm)	5220 psi	36.0 MPa	
Tensile Elongation			ASTM D882
MD : Break, 0.79 mil (20 µm)	680 %	680 %	
TD : Break, 0.79 mil (20 µm)	830 %	830 %	
Dart Drop Impact (0.79 mil (20 µm))	820 g	820 g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD : 0.79 mil (20 µm)	390 g	390 g	
TD : 0.79 mil (20 µm)	600 g	600 g	
Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Gloss (45°, 0.787 mil (20.0 µm))	96	96	ASTM D2457
Haze (0.787 mil (20.0 µm))	1.0 %	1.0 %	ASTM D1003
Extrusion	Nominal Value (English)	Nominal Value (SI)	
Melt Temperature	520 °F	271 °C	

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

