

Resin Specs



Polyethylene Resin Specifications

Test Procedure	Units	EXXON LLP8360
Density ASTM D-1505	g/cm ³	0.932
Melt Index ASTM D-1238 Condition 2, 16, 190	g/10 min.	5.2
ESCR Cond. A, F50 ASTM D-1693 100% Igepal 10% Igepal	hrs. hrs.	> 1,000 650
Flexural Modulus At 1% strain ASTM D-790	psi Mpa	600 (87,000)
Tensile Strength at Yield 2" (50.8 mm) per minute Type IV Specimen @ .125" (3.17 mm) Thickness ASTM D-638	psi Mpa	15.1 (2200)
Heat Distortion Temperature ISO 75-B at: 66 psi (4.64 kg/cm ³) 264 psi (18.56 kg/cm ³)	degrees Celsius	- 66°
Impact Strength ISO 6603/2 for: 1/8" (3.17 mm) specimen 1/4" (6.35 mm) specimen	ft. lbs. Joules ft. lbs. Joules	- 88 (65) - 217 (160)
Meets FDA Requirements		yes
UV-Stabilized		yes

Appendix

