



Product Datasheet

HDPE-8 (Crate Grade)

Product Properties

Typical Properties	Method	Value Unit
Physical		
Melt Flow Rate (230 C/2.16kg)	ASTM D 1238E	8.0 g/10 min
Density- Specific Gravity	ASTM D 4883	0.960
Mechanical		
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4,700 PSI 32.4 MPa
Flexural Modulus (0.05 in/min, 1 % Secant, Procedure A) (1 mm/min, 1 % Secant, Procedure A)	ASTM D 790	241,000 PSI 1,662 MPa
Tensile Elongation @yld	ASTM D 638	
IMPACT		
Notched izod impact (73 F, Method A) (23 C, Method A)	ASTM D 256	1.0 ft-lb/in 53 J/m
Hardness		
Rockwell Hardness (R-Scale)	ASTM D 2240	65
Thermal		
DTUL @66psi - Unannealed	ASTM D 648	87 C

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