

Fluted Polypropylene Product Details

Typical Properties

	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.90	
Note: 23/23°C Method B			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	1.8	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790		
(0.05 in/min, 1% Secant, Procedure A) (1.3 mm/min,		205000	psi
1% Secant, Procedure A)		1415	MPa
Tensile Strength @ Yield	ASTM D 638		
(2 in/min)		4100	psi
(50 mm/min)		28	MPa
Tensile Elongation @ Yield	ASTM D 638	8	%
Impact			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256		
		2.8	ft-lb/in
		150	J/m
Thermal			
Deformation Temperature Under Load	ASTM D 648		
(66 psi)		187	°F
(0.45 MPa) Note:		86	°C
Unannealed			