

# Fluted Polypropylene



## Typical Properties\*

Property	Test Method	Units	Values
<b>PHYSICAL</b>			
Density	ASTM D 782	g/cc	90
Water absorption	ASTM D 570	%	0.02
<b>MECHANICAL</b>			
Tensile strength, yield	ASTM D 638	psi	4,000
Izod impact strength, notched @ 70°F	ASTM D 256	ft-lbs/in	3.0
Elongation at yield	ASTM D 256	%	10
Falling weight impact strength @ -29°	-	ft-lbs	23
<b>THERMAL</b>			
Coefficient of thermal expansion -30°C to 0°C	ASTM D 696	mm/mm/c X 10 <sup>6</sup>	12
0°C to 30°C	ASTM D 696	mm/mm/c X 10 <sup>6</sup>	14
30°C to 60°C	ASTM D 696	mm/mm/c X 10 <sup>6</sup>	21
Heat deflection temperature @ 66 psi	ASTM D 648	°F	194
<b>FLAMMABILITY</b>			
Normal temperature performance range		°F	-17 to 160
Melting point		°F	324

\*Typical properties are not intended for specification purposes.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.