

PB23000

DESCRIPTION

Compression molded virgin PolyChloroTriFluoroEthylene (PCTFE).

TYPICAL PROPERTIES

Property	Test Method	Units	Typical Value
Color	-	-	Translucent
Specific Gravity	ASTM D792	-	2.13-2.15
Weight % Crystallinity	ASTM D7194	%	50-70
Zero Strength Time (ZST)	ASTM D1430	s	350-450
Hardness Shore D	ASTM D2240	Shore D	80
Tensile Strength at Yield	ASTM D638*	PSI [MPa]	6,800 [47]
Elongation at Yield	ASTM D638*	%	6
Tensile Strength at Break	ASTM D638*	PSI [MPa]	5,600 [38.5]
Elongation at Break	ASTM D638*	%	120
Tensile Modulus	ASTM D638*	PSI [MPa]	200,000 [1,379]

*Type V dog bone tested at 0.5 in/min

REQUIREMENTS

This product meets ASTM D1430 Group 01 Class 1 Grade 3, AMS3645, and AMS3650 requirements.