

Datasheet

Black PE Square Tube Plug

RS Stock number 629-0142



	ISO	UNIT	CONDITIONS	RESULTS
GENERAL PROPERTIES				
Density	1183	g/cm ³	23°C	0.91 – 0.94
THERMAL PROPERTIES				
Vicat softening point	306	°C		70 – 110
Low Temperature Brittleness	812	°C		-20 - -70
Service temperature				
Minimum		°C		-30
Maximum (continuous/intermittent)		°C		50 / 60
MECHANICAL PROPERTIES				
Tensile strength at break	527	MPa		5 – 20
Elongation at break	527	%		50 – 650
1% secant modulus	527	MPa		90 – 300
FLAMMABILITY PROPERTIES				
Oxygen index	4589			15- 17
Flammability rating	UL 94			HB
CHEMICAL PROPERTIES				
Resistance to Weak Acids				Fair
Resistance to Strong Acids				Fair except for Oxidizing Acids
Resistance to Weak Alkalis / Strong Alkalis				Good / Good
Resistance to Organic Solvents				Good below 60°C
Resistance to Oils and Greases				Attacked by some
Resistance to UV				Bad if unprotected