

Physical properties

■ Grade :BF-0670F

Item	Condition	Measuring Method	Unit	Representative
Physical				
Specific Gravity	Natural Color		-	1.12
Melt Flow Index	220°C 10kg		g/10min	19
Mechanical				
Tensile Strength	5mm/min		MPa (psi) kgf/cm ²	48 (7,000) 490
Elongation at Break	5mm/min			25
Flexural Strength	2.8mm/min		MPa (psi) kgf/cm ²	70 (10,100) 710
Flexural Modulus	2.8mm/min		MPa (psi) kgf/cm ²	2,340 (340,000) 23,900
IZOD Impact Strength (notched)	1/8 inch		J/m (ft·lbf/in) kgf·cm/cm	98 (1.8) 10
IZOD Impact Strength (notched)	1/4 inch		J/m (ft·lbf/in) kgf·cm/cm	78 (1.5) 8
Rockwell Hardness	R-Scale		-	115
Thermal				
Heat Deflection Temperature	18.56kgf/cm ²		°F (°C)	180 (82)
VICAT Softening Temperature	5kg		°F (°C)	201 (94)
Flammability				
UL 94 Classification	1.5 mm specimen 3.0 mm specimen		Recognized	HB

