

RTP 685 HB

ABS-CF30

RTP Company

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.001	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Modulus	18620	MPa	ASTM D 638
Tensile Strength	124	MPa	ASTM D 638
Flexural Modulus	17240	MPa	ASTM D 790
Flexural Strength	186	MPa	ASTM D 790
Rockwell Hardness	R 110	-	ASTM D 785
Izod Impact notched, 1/8 in	64.1	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.59	mm	-
DTUL @ 66 psi	113	°C	ASTM D 648
DTUL @ 264 psi	110	°C	ASTM D 648
Electrical properties			
ASTM Data			
Volume Resistivity	100000	Ohm*cm	ASTM D 257
Other properties			
Water Absorption, 24hr	0.16	%	ASTM D 570
Density	1190	kg/m ³	ASTM D 792
Moisture Content	0.1	%	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific