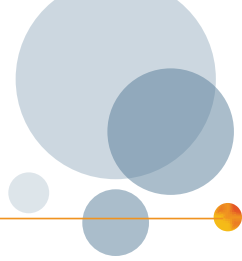


Properties of Materials*



Fuse Blocks, Fuseholders, Power Distribution Blocks, Fuses & Accessories

Property	Units	Astm Test	Phenolic	Glass Filled Polycarbonate	Polyamide	Polyethelene Terphthalate	Polysulfone Copolymer	Polyptalamide	Nylon
Specific Gravity	-	D792	1.4	1.21	1.36	1.67	1.52	1.71	1.16
IZOD	ft-lb/in	D256	0.29	4-6	3.2	1.7	1.8	1.5	0.63
Flexural Strength	psi	D790	11,000	13,200	38,000	29,000	26,900	37,300	18,500
Flexural Modulus	psi	D790	1.1 x 10 ⁶	325,000	1.25 x 10 ⁶	1.5 x 10 ⁶	1.4 x 10 ⁶	1.9 x 10 ⁶	4.3 x 10 ⁵
Tensile Strength	psi	D638	7,000	9,000	25,000	20,000	17,600	26,000	12,000
Compressive Strength	psi	D695	28,800	12,500	34,000	29,000	-	-	-
Water Absorption	24 hrs %	D570	0.45	0.15	1.3	0.05	0.1	0.18	1.5
Hardness	Rockwell	D785	M-110	M-85	R-105	R-120	-	-	-
Dielectric Strength									
60 hertz, 25°C, s/t	kV/in	-	300	425	435	460	500	460	432
60 hertz, 25°C, s/s	kV/in	-	250	425	-	355	-	-	-
Dielectric Constant									
60 hertz-dry	-	D150	5.96	3.01	-	3.8	-	-	-
1 Mhertz-dry	-	D150	4.9	2.96	3.6	3.7	3.8	4.9	3.6
Volume Resistivity	ohm-cm	D257	50 x 10 ⁶	>101 ⁶	101 ⁶	>101 ⁵	>101 ⁶	3 x 101 ⁶	>101 ⁶
Heat Deflection	°F	D648	320	270	410	435	330	523	167
(°F @ 264 psi)									
Flammability (UL 94)	-	-	94 V-0	94 V-0	94 V-0	94 V-0	94 V-0	94 V-0	94 V-0
Relative Thermal Index (RTI) (UL746B)									
Electrical	°C	-	150	125	150	155	150	140	140
Mechanical without impact	°C	-	150	125	140	155	150	130	110

*Note: Above data represents approximate values and are for reference only.

Product Types & Families									
64XXXX	MPDB	USM	GPM	SHR	AOS	FSPDB			
22XXXX	DRM	USCC	FEB		EI				
24XXXX	DFC	USGM	FEX						
26XX	603XXX	USGCC	IL						
P266	203XXX	US3J	TPMOV						
P243	206XXX	US6J	Surge Trap						
1MSC	303XXX	US14	1SC						
PS20X127	306XXX	US22							
FHXXX	P243X	CC							
	703XX	MSC							
	U705XX	NH							
	U710XX								
	21XXXX								
	61XXXSJ								
	61XXXX								
	62XXXX								