Product Information

Zytel®

nylon resin

Zytel® 80G25HS BK117

25% Glass Reinforced, Supertoughened Nylon 66 with outstanding impact resistance developed using DuPont Super Tough technology

Property	Test Method	Units	Value	
			50%RH	DAM
Mechanical				
Stress at Break	ISO 527-1/2	MPa		
5mm/min			80	110
Strain at Break	ISO 527-1/2	%		
5mm/min			8	4
Tensile Modulus	ISO 527-1/2	MPa		
1mm/min			4500	700
Notched Izod Impact	ISO 180/1A	kJ/m2	24	20
Notched Charpy Impact	ISO 179/1eA	kJ/m2		
-30C			13	14
23C			24	23
Unnotched Charpy Impact	ISO 179/1eU	kJ/m2		
-30C			87	89
23C			80	80
Thermal				
Deflection Temperature	ISO 75-1/2	°C		
0,45MPa				258
1,80MPa				240
Melting Temperature	ISO 3146C	°C		
10C/min				261
Flammability				
Flammability at 1.6mm Nominal UL94	UL94			HB
Other				
Density	ISO 1183	kg/m3		1260
Mould Shrinkage	ISO 2577	%		
Flow				0,3

Properties measured at 23°C unless otherwise stated.
Please refer to the Safety Data Sheet, general guides and/or additional information about ventilation, handling, purging, drying, etc.

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