

DuPont™ Zytel®

nylon resin

PRELIMINARY DATA

Zytel® BM7300THS BK317

Zytel® BM7300THS is an unreinforced, heat stabilized, lubricated, toughened polyamide 6 for blow molding.

Property	Test Method	Units	Value		
			DAM	50%RH	
Mechanical					
Yield Stress	ISO 527	MPa (kpsi)	60 (8.7)		
Strain at Break	ISO 527	%	160 (23.2)	>160 (>23.2)	
Yield Strain	ISO 527	%	4.4		
Tensile Modulus	ISO 527	MPa (kpsi)	2170 (315)	570 (83)	
Notched Charpy Impact Strength	ISO 179/1eA	kJ/m ²			
			-30°C (-22°F)	23	22
			23°C (73°F)	82	150
Thermal					
Deflection Temperature	ISO 75f	°C (°F)			
			0.45MPa	117 (243)	
			52 (126)		
Melting Temperature	ISO 11357-1/-3	°C (°F)			
			10°C/min	221 (430)	
Other					
Specific Gravity	ISO 1183		1.09		

Contact DuPont for Material Safety Data Sheet, general guides and/or additional information about ventilation, handling, purging, drying, etc.
 ISO Mechanical properties measured at 4.0mm, ISO Electrical properties measured at 2.0mm, and all ASTM properties measured at 3.2mm.
 Test temperatures are 23°C unless otherwise stated.

The above data are preliminary and are subject to change as additional data are developed on subsequent lots.

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