

# Zytel® BM73G15P BK317

NYLON RESIN

DuPont Performance Polymers

Message:

Zytel® BM73G15P BK317 is a NYLON RESIN product filled with 15% glass fiber. It can be processed by blow molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

Characteristics include:

- Heat Stabilizer
- Lubricated
- Mold Release Agent

General Information				
Filler / Reinforcement	Glass Fiber,15% Filler by Weight			
Additive	Heat Stabilizer			
	Lubricant			
	Mold Release			
Features	Heat Stabilized			
	Lubricated			
Uses	Blow Molding Applications			
Forms	Pellets			
Processing Method	Blow Molding			
Part Marking Code (ISO 11469)	>PA6-IGF15<			
Resin ID (ISO 1043)	PA6-IGF15			
Physical	Dry	Conditioned	Unit	Test Method
Density	1.22	--	g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage				ISO 294-4
Across Flow	0.60	--	%	
Flow	0.40	--	%	
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	5570	2650	MPa	ISO 527-2
Tensile Stress (Break)	110	71.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	18	%	ISO 527-2
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	14	24	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	80	110	kJ/m <sup>2</sup>	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	190	--	°C	ISO 75-2/A

Melting Temperature <sup>1</sup>	220	--	°C	ISO 11357-3
Fill Analysis	Dry	Conditioned	Unit	Test Method
Melt Viscosity (280°C, 1000 sec <sup>-1</sup> )	350	--	Pa·s	ISO 11443
NOTE				
1.	10°C/min			

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