

**PIER ONE POLYMERS** INCORPORATED  
*Thermoplastic Solutions*

**Property Data**

**MAXAMID 7055 BK100**  
**Nylon Type 66, 55% Glass Reinforced Resin**

MAXAMID™ 7055 BK100 is a 55% glass fiber reinforced nylon 66 offering an excellent balance of high temperature performance, dimensional stability, tensile strength and impact resistance.

Property	Test Method	Units	Value
			DAM
<b>Mechanical</b>			
Tensile Strength	ASTM D 638	psi	32,000
Elongation @ Break	ASTM D 638	%	3
Flexural Modulus	ASTM D 790	psi	2,400,000
Izod Impact	ASTM D256	ft lb/in	2.5
<b>Thermal</b>			
Heat Deflection Temperature 1.8 Mpa (264 psi)	ASTM D 648	°F	482
Melting Point	ASTM D 3418	°F	498
<b>Other</b>			
Specific Gravity	ASTM D 792		1.64
<b>Processing</b>			
Melt Temperature Range		°F	550-580
Mold Temperature Range		°F	150-210
Processing Moisture Content		%	<0.20

Mechanical properties measured at 23°C (73°F)

Contact Pier One Polymers, Inc. for MSDS, general guidelines and/or additional information about ventilation, handling, purging, drying, etc.

**CALL PIER ONE POLYMERS FIRST (877) 283-1975**

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