



**MEGA RECYCLING**  
AND COMPOUNDING SERVICES LLC.

**MegaRe® PA66-43GHSL-BK**  
**Glass Reinforced, Nylon 6/6 resin, Heat Stabilized, Lubricated**

MegaRe 143GHSL is a 43% glass fiber reinforced type 6/6 nylon 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	27,000
Elongation @ Break	ASTM D 638	%	2-3
Flexural Modulus	ASTM D 790	psi	1,460,000
Izod Impact	ASTM D256	ft lb/in	2.5
<b>Thermal</b>			
Heat Deflection Temperature 1.8 Mpa (264 psi)	ASTM D 648	°F	485
Melting Point	ASTM D 3418	°F	502
<b>Other</b>			
Specific Gravity	ASTM D 792		1.48
<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  
Contact Mega Recycling for MSDS, general processing guidelines and/or additional information.

The information provided in this data sheet corresponds to our knowledge on the subject at the data of its publication. This information may be

Mega Recycling LLC  
Phone (815)-230-0092 Fax (815) 328-0394  
www.megarecyclingllc.com

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