



**RMB 423  
POLYLAURYLACTAM  
NYLON 12  
DATA SHEET**

Tensile at Yield	ASTM D-638	psi	3,915
Tensile at Break	ASTM D-638	psi	4,350
Elongation at Break	ASTM D-638	Percent	>300
Flexural modulus	ASTM D-790	psi	.73 x 10 <sup>5</sup>
Izod impact, Unnotched (0.21" thick)	ASTM D-256	ft-lbs/inch	No Break
Izod impact, Rev. Notched (0.21" thick)	ASTM D-256	ft-lbs/inch	No Break
Izod impact, Unnotched (0.21" thick)	ASTM D-256	ft-lbs/inch	2
Specific Gravity	ASTM D-792		1.0 - 1.1
Vicat Softening Temp.	ASTM D- 1525	°C	<b>160</b>
Solvent Resistant	Table Available		Excellent
Color			Black

RMB 423 is a high impact polyamide based resin system. It has been specifically formulated for demanding structural applications such as duct work, fluid tanks and farings. Excellent physical properties, low moisture absorption and good chemical resistance combined with ease of processing make RMB 423 the ideal cost effective alternative to molded nylon 6, composite or metallic components.

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