

Nylene® 4114-14

Polyamide 66

Custom Resins Group

Message:

Nylene 4114-14 is an impact-modified, 14% glass fiber-reinforced nylon 6/6 molding resin with excellent impact strength. Approved for automotive use under Ford Motor Company specification WSK-M4D590-A.

General Information			
Filler / Reinforcement	Glass Fiber,14% Filler by Weight		
Additive	Impact Modifier		
Features	High Impact Resistance		
	Impact Modified		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Mold Shrinkage	0.60	%	

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	79.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	12	%	ASTM D638
Flexural Modulus (23°C)	3450	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	70	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	207	°C	ASTM D648
Peak Melting Temperature	259	°C	ASTM D3418

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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