

U-polymer FUN-8000

Polyarylate

UNITIKA Plastics Division

Message:

U Series Resin Composite Grade

General Information			
UL YellowCard	E47924-239912		
Features	Good Chemical Resistance		
	High Clarity		
	High Impact Resistance		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.00 mm)	0.80	%	ASTM D955
Water Absorption (24 hr, 3.18 mm)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	66.0	MPa	ASTM D638
Tensile Elongation (Break)	78	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	81.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	450	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	123	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Transmittance (3000 μm)	87.0	%	ASTM D1003

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT