

# UBE Nylon 1013 IU50

Polyamide 6  
UBE Engineering Plastics, S.A.

Message:  
UBE NYLON 1013 IU50 is a non-reinforced and super-tough polyamide 6 for injection moulding applications.

General Information			
Additive	Mold Release		
Features	Fast Molding Cycle		
	Good Flow		
	Good Moldability		
	High Heat Resistance		
	High Impact Resistance		
	Ultra High Toughness		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			ASTM D955
Flow	1.7	%	
Across Flow	2.2	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	47.0	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Flexural Modulus	1700	MPa	ASTM D790
Flexural Strength	67.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	830	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	215	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	ASTM D257

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.

## 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

