

# Hostacom ERC 487N C12827

Polypropylene Copolymer  
LyondellBasell Industries

Message:

"Hostacom" ERC487N C12827 is a UV stabilised, 5 % mineral filled polypropylene copolymer for injection moulding. It combines an excellent flowability with high stiffness, thermal and dimensional stability and excellent scratch resistance. Advanced technologies allowed for a significant reduction of the mineral filler compared to current standard grades, which contributes to the reduction of the final part weight.

General Information			
Filler / Reinforcement	Mineral,5.0% Filler by Weight		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Dimensional Stability		
	High Flow		
	High Rigidity		
	High Stiffness		
	Medium Impact Resistance		
	Scratch Resistant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Flexural Modulus - Secant	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-40°C	2.0	kJ/m²	
23°C	5.0	kJ/m²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	101	°C	ISO 75-2/B
1.8 MPa, Unannealed	56.0	°C	ISO 75-2/A

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

