

# Hostacom ERC 475L W92737

Polypropylene Copolymer

LyondellBasell Industries

## Message:

Hostacom ERC 475L W92737 is a 30% talc filled PP copolymer, with good impact/stiffness balance, excellent surface appearance and very low shrinkage. The product is also available as a customized color matched, pellet form. This grade is delivered in W92737 color version. This grade is not intended for medical, pharmaceutical, food, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

General Information			
Filler / Reinforcement	Talc filler, 30% filler by weight		
Features	Rigid, good		
	Copolymer		
	Gloss, Medium		
	Impact resistance, good		
	Good liquidity		
	Good heat aging resistance		
	Scratch resistance		
	Low shrinkage		
	Good appearance		
Appearance	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.16	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	13.0	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1700	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	20.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	7.5	%	ISO 527-2
Flexural Modulus <sup>1</sup> (23°C)	2000	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
0°C	7.0	kJ/m <sup>2</sup>	ISO 179/1eA
23°C	30	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
0°C	80	kJ/m <sup>2</sup>	ISO 179/1eU
23°C	> 120	kJ/m <sup>2</sup>	ISO 179/1eU

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	90.0	°C	ISO 75-2/B
1.8 MPa, not annealed	50.0	°C	ISO 75-2/A
Vicat Softening Temperature	50.0	°C	ISO 306/B
Flammability	Nominal Value	Test Method	
Flame Rating (1.5 mm)	HB	UL 94	
NOTE			
1.	1.0 mm/min		

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