



## Hostacom ERC 475L W92737

### Compounded Polyolefin

#### Product Description

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.*

#### Product Characteristics

Status	Commercial
Availability	Europe (1)
Processing Method	Injection molding
Features	Flowability, shrinkage, surface appearance, gloss, scratch resistance and LTHS (long term heat stability).

Typical Customer Applications	Used for applications that require excellent aesthetics. The product exhibits a shrinkage very close to the ABS one.
-------------------------------	--

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	12	g/10 min
Density (23 °C)	ISO 1183-1/A	1.16	g/cm <sup>3</sup>
Melt Volume Rate (230 °C, 2.16 kg)	ISO 1133	13	cm <sup>3</sup> /10 min
<b>Mechanical</b>			
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	2000	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	20	MPa
Tensile Modulus (23 °C)	ISO 527-1, -2	1700	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	7.5	%
<b>Impact</b>			
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	80	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (0 °C)	ISO 179-1/1eA	7	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	30	kJ/m <sup>2</sup>
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	>120	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	50	°C
Vicat Softening Temperature B (50 N)	ISO 306	50	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	90	°C
<b>Other</b>			
Flame Class (1.5 mm)	UL 94	HB	-

#### Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing.