

## 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

<b>Status</b>	Commercial
<b>Processing Method</b>	Injection molding
<b>Features</b>	Flowability, shrinkage, surface appearance, gloss, scratch resistance and LTHS (long term heat stability).
<b>Typical Customer Applications</b>	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.

