

Technical Data Sheet

Hostacom ERS 2011R NAT



Polypropylene Compounds

Product Description

Hostacom ERS 2011R NAT is an unfilled PP copolymer with high melt flow rate which is developed for translucent applications and has high transparency and gloss.

The grade is under industrialization. Product is not UL certified. This is a preliminary datasheet subjected to changes after product industrialization.

This grade is not intended for medical, pharmaceutical, and drinking water applications.

Regulatory Status

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

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|-------------------|--------------------------|
| Application | White Goods |
| Market | Electrical / Electronics |
| Processing Method | Injection Molding |

| Typical Properties | Nominal Value | Units | Test Method |
|--|---------------|-------------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 20 | g/10 min | ISO 1133-1 |
| Melt Volume Flow Rate, (230 °C/2.16 kg) | 27 | cm ³ /10 min | ISO 1133-1 |
| Density, (23 °C) | 0.91 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Tensile Modulus, (23 °C) | 1800 | MPa | ISO 527-1, -2 |
| Tensile Stress at Yield, (23 °C, 50 mm/min) | 38 | MPa | ISO 527-1, -2 |
| Tensile Strain at Yield, (23 °C, 50 mm/min) | 8 | % | ISO 527-1, -2 |
| Impact | | | |
| Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A) | 2.5 | kJ/m ² | ISO 179 |