

Polypropylene H 155

Sub-group:

Homopolymer

Description:

H 155 is an ultra-high melt flow rate homopolymer with narrow molecular weight distribution, specially designed for meltblown process. This products exhibits excellent processability and excellent coating on nonwoven, providing very good barrier properties and small variation of this property in nonwoven traverse direction.

Applications:

Nonwovens by meltblown technology for hygienic disposables, hospital clothing and protections, filters and oil absorbers.

Processing: Fiber Extrusion

Control Property:

| | ASTM Method | Units | Values |
|--------------------------------|-------------|----------|--------|
| Melt Flow Rate (230°C/2.16 kg) | D 1238 | g/10 min | 1250 |

Typical Properties:

| | ASTM Method | Units | Values |
|------------------------------|-------------|-------------------|--------|
| Density | D 792 | g/cm ³ | 0.905 |
| Flexural Modulus – 1% secant | D 790 | MPa | 1500 |
| Xylene Soluble | D 5492 | % | 2.5 |
| MWD (Mw/Mn) for GPC | - | - | 3.8 |

Final Remarks:

1. This resin meets the requirements for olefin polymers as defined in 21 CFR, section 177.1520 issued by FDA – Food and Drug Administration in force on the date of publication of this specification. The additives present are covered in appropriate regulation by FDA.
2. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
3. In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
4. For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS. CAS Registry number: 9003-07-0.
5. The mentioned values in this report can be changed at any moment without Braskem previous communication.
6. Braskem does not recommend this grade for packages, parts or any kind of product manufacture that will be used for storage or contact with solution that will have internal contact with human body.
7. This resin does not contain the substance Bisphenol A (BPA, CAS # No. 80-05-7) in its composition.