

Polypropylene RPP117 GY2

Description:

RPP117 GY2 circular copolymer is obtained from post-consumer packaging with a concentration of 25% recycled material. The product is gray in color.

Applications:

Cups, Containers, Closures, Injection Molded Packaging

Processes:

Injection Molding

Control Properties:

| Feature | Method | Units | Values |
|---|----------------|--------------------|--------------------|
| Melt Flow Rate (190° C/2.16kg) | ASTM D-1238 | g/10 min | 16 |
| Tensile Strength at Yield (2 in/min, 50 mm/min) | ASTM D-792 | psi (MPa) | 5,100 (35) |
| Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant) | ASTM D-790 | Psi (MPa) | 220,000 (1,517) |
| Notched Izod Impact Strength, 23°C | ASTM D-256A | Ft-lbs/in (J/m) | 0.7 (37) |

Final Remarks

1. Read Safety Data Sheet before use.
2. For food contact information, including U.S. Food and Drug Administration (FDA) compliance, please refer to the Product Stewardship Information Sheet (PSIS)
3. This information 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
4. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
5. In case of doubt regarding utilization, or for other applications, please contact Technical Service.
6. The values in this report can be modified without prior communication from Braskem.
7. For product stewardship information, please contact Braskem at us_compliance@braskem.com.