

Polypropylene RPP101 GY5

Description:

RPP101 GY5 polypropylene is obtained from post-consumer packaging with a concentration of 50% recycled material. The product is gray in color.

Applications:

Extrusion processes include films, profiles, and thermoformed packaging

Processes:

Film extrusion, profile extrusion, sheet extrusion

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (230° C/2.16kg)	ASTM D-1238	g/10 min	2.9
Tensile Strength at Yield (2 in/min, 50 mm/min)	ASTM D-792	psi (MPa)	3900 (27)
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	ASTM D-790	Psi (MPa)	170,000 (1,172)
Notched Izod Impact Strength, 23°C	ASTM D-256A	Ft-lbs/in (J/m)	3.6 (193)

Final Remarks

1. Read Safety Data Sheet before use.
2. Read the Product Stewardship Information Sheet (PSIS) for Restrictions on Use.
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.