



Polypropylene: **RT550N**

Sub-group

High Impact Random Copolymer

Description

High impact performance, excellent mold release, superior clarity, excellent processability

Applications

Suggested uses include housewares, fast-cycle injection molding, large injection molded parts

Control Properties	ASTM Method	Units	Values
Nominal Melt Flow (230°C/2.16kg)	D-1238	g/10 min	55

Typical Properties	ASTM Method	Units	Values
Tensile Strength at Yield (2 in/min, 50 mm/min)	D-638	psi(MPa)	3,600(25)
Elongation at Yield (2 in/min, 50 mm/min)	D-638	%	15
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D-790A	psi(MPa)	125,000(862)
Notched Izod Impact Strength at 23°C	D-256A	ft-lbs/in(J/m)	1(53)
Instrumented Impact Strength at 23°C	D-3763	ft-lbs(J)	25(34)

Final Remarks

1. Read Safety Data Sheet before use.
2. 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.
3. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
4. In case of doubt regarding utilization, or for other applications, please contact Technical Service.
5. The values in this report can be modified without prior communication from Braskem.
6. For product stewardship information, please contact Braskem at us_compliance@braskem.com.

Revision

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