Braskem

Datasheet
Review 0 (Jan/18)

Polypropylene H734-52RNA

Description:

Braskem's H734-52RNA Polypropylene is a homopolymer specifically developed for thin wall and high speed injection molding. It features high flow characteristics and provides a well balanced set of physical properties. H734-52RNA contains a very efficient antistatic package and offers good transparency. The grade is designed and formulated to allow easy processing, short cycle times, low shrinkage, minimal warpage and good part dimensional stability

Additivation:

Nucleating Agent; Antistatic Agent

Applications:

Houseware, Caps & Closures, Thin wall packaging, Compounding

Processes:

Injection molding, Compounding

Control Properties

Feature	Method	Units	Values
Nominal Melt Flow (230°C/2.16kg)	D 1238	g/10 min	52

Typical Properties[a]

Feature	Method	Units	Values
Density	D 792	g/cm³	0.905
Flexural Modulus (0.05 in/min, 1.3 mm/min, 1% secant)	D 790	MPa	1550
Tensile Strength at Yield (2 in/min, 50 mm/min)	D 638	MPa	36
Elongation at Yield (2 in/min, 50 mm/min)	D 638	%	9
Notched Izod Impact Strength (at 23°C)	D 256	J/m	27
Heat Deflection Temperature (0.45 Mpa)	D 648	°C	113
Vicat Softening Temperature (at 10 N)	D 1525	°C	155

a) Injection molded specimen according to ASTM D 4101. NB = No Break.

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1. **Storage:**
   Recommended storage is a cool, dry place protected from direct sunlight. High temperatures and high atmospheric humidity during storage may have an impact on product performance.

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   - Current Safety Data Sheets are available from Braskem.
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   For regulatory information, please contact polymer.compliance-europe@braskem.com