(+) 188 1699 6168 hongrunplastics.com



Clyrell RC5056

Polypropylene, Random Copolymer

Product Description

Devlopmental Grade *Clyrell* RC5056 is a polypropylene random copolymer. With its high gloss and excellent clarity, combined with its balance of rigidity and impact, this grade is particularly suitable for injection molding of high clarity containers. Potential end use applications include housewares and food containers. This is a preliminary Product Data Sheet.

Product Characteristics

Status Commercial: Active

Test Method used ASTM

Availability Asia-Pacific, Australia/NZ, Africa-Middle East

Processing Methods Injection Molding

Features High Clarity, Random Copolymer, High Gloss

Typical Customer Applications Clear Containers, Housewares

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.9	g/cm³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	10	g/10 min
Note: ASTM D1238L			
Mechanical			
Flexural Modulus	ASTM D 790	14000	kg/cm²
Tensile Strength @ Yield	ASTM D 638	350	kg/cm²
Tensile Elongation @ Yield	ASTM D 638	10	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	5	kg-cm/cm
Hardness			
Rockwell Hardness (R Scale)	ASTM D 785	102	
Thermal			
Vicat softening point	ASTM D 1525	134	°C
Heat deflection temperature at 0.46 N/mm2	ASTM D 648	100	°C
Optical			
Haze	ASTM D 1003	9	%
Note: 2mm sample thickness			

Notes

Typical properties; not to be construed as specifications.