

Clyrell RC5056

Random copolymer



Product Description

Clyrell RC5056 is a polypropylene random copolymer designed for excellent clarity and gloss with rigidity and thermal resistance balance. This grade is selected by customers for use in transparent injection molding articles and containers. Clyrell RC5056 complies with FDA cooking condition.

Features	High transparency/ High gloss/ High stiffness with balanced impact resistance
Market	Rigid Packaging, Consumer Products
Application	Baby bottle/ Transparency container/ Housewares/ Food container

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	10	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	14000	kg/cm2	ASTM D790
Tensile Strength at Yeild	350	kg/cm2	ASTM D638
Elongation at Yeild	10	%	ASTM D638
Izod Impact Strength (23°C)	5	kgcm/cm	ASTM D256
Rockwell Hardness	102	R-Scale	ASTM D785
HDT (0.46 N/mm²)	100	°C	ASTM D648
Haze	4 (1mm)	%	ASTM D1003

1) The above values are typical property values for reference only not be construed as specification limits.

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- iv. lead, asbestos or MTBE related applications.

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- iii. film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices;
- iv. packaging in direct contact with an active pharmaceutical ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- v. tobacco related products and applications;
- vi. electronic cigarettes and similar devices; or
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