

Adstif HA5034

Homopolymer



Product Description

Adstif HA5034 is a high crystallinity polypropylene homopolymer, which features an extremely high stiffness, high gloss and maintaining mechanical properties even at high temperatures. **Adstif HA5034** is selected by customers for use in the production of stiff injection moulded articles where high rigidity is needed. Typical applications of **Adstif HA5034** include food packaging containers, housewares, small appliances and technical parts. It is typically used by customers in small appliances and automotive compounding applications where high rigidity and very good thermal characteristics are required. **Adstif HA5034** is used in food contact.

Features Long term heat resistance and High HDT/ High Stiffness/ High surface hardness/ Good pigment dispersion

Market Automotive/Compounds, Consumer Products

Application Small appliances (Rice cooker case/ Microwave oven/ Electric Kettle etc.) /Auto compound/ Food packaging containers/ Housewares

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	14	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	22000	kg/cm ²	ASTM D790
Tensile Strength at Yield	400	kg/cm ²	ASTM D638
Elongation at Yield	6	%	ASTM D638
Izod Impact Strength (23°C)	2	kgcm/cm	ASTM D256
Rockwell Hardness	115	R-Scale	ASTM D785
Vicat Softening Point	155	°C	ASTM D1525
HDT (0.46 N/mm ²)	135	°C	ASTM D648

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

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- 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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