Technical Data Sheet

HOSTALEN ACP 9531 K B

Product Description

Hostalen ACP 9531K B is easy processable on injection molding and compression molding equipment. Exceptional organoleptic properties and a good balance of stiffness, toughness and environmental stress cracking resistance make *Hostalen* ACP 9531K B the choice of customers for the production of closures for water, beverage and many other types of food and nonfood caps. *Hostalen* ACP 9531K B is not intended for use in medical and pharmaceutical applications.

Regulatory Status

For regulatory compliance information, see HOSTALEN ACP 9531 K B Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Asia-Pacific
Application	Caps & Closures; Crates; Housewares; Industrial; Panels & Profiles; Sports, Leisure & Toys
Market	Consumer Products; Rigid Packaging
Processing Method	Compression Molding; Injection Molding
Attribute	Good ESCR (Environmental Stress Cracking Resistance); Good Processability; High Density

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate			
(190 °C/2.16 kg)	3.8	g/10 min	ISO 1133-1
(190 °C/5.0 kg)	12	g/10 min	ISO 1133-1
Density	0.955	g/cm³	ISO 1183
Mechanical			
Flexural Modulus	1350	MPa	ISO 178
Tensile Stress at Yield	28.5	MPa	ISO 527-1, -2
Tensile Strain at Yield	8.5	%	ISO 527-1, -2
Environmental Stress Crack Resistance, (F50, 10% Igepal, 50 °C)	12	hr	ASTM D1693
Impact			
Charpy Impact Strength - Notched, (-30 °C, Type 1, Notch A)	4.5	kJ/m²	ISO 179
Thermal			
Vicat Softening Temperature, (B50)	73	°C	ISO 306
Processing Parameters			
Melt Temperature	180 - 250	°C	

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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