ACRAN

Acran Boğaziçi Kimya A.Ş.
Bahçeşehir 1. Kısım Mh. Bülbül Cd. No: 39 Başakşehir / İstanbul
info@acran.com.tr | www.acran.com.tr | + 90 212 659 94 37

Aramco Trading

Polypropylene

Aramco PP CP90N

Product Description

Aramco PP CP90N is a block copolymer polypropylene resin and is typically used for industrial injection molding application. Molded parts made from this resin typically exhibits good impact, high stiffness and good heat stability.

This product is formulated with nucleating agent.

Typical Applications

Crates, electrical appliances, thin wall applications and industrial applications.

This product is not intended for use in medical and pharmaceutical applications.

Physical Properties	Unit	Test Method	Value[1]
Melt Flow Index (230°C/2.16kg)	g/10min	ASTM D1238	9.0
Density	g/cm³	ASTM D792 Method A	0.9
Mechanical Properties[2]			
Tensile Strength at Yield	MPa	ASTM D638	28
Tensile Strength at Break	MPa	ASTM D638	15
Flexural Modulus	MPa	ASTM D790	1530
Izod Impact, Notched 23 °C	kJ/m²	ASTM D256	10
Izod Impact, Notched -20 °C	kJ/m²	ASTM D256	5
Hardness Rockwell		ASTM D785	96
Thermal Properties[2]			
Vicat Softening Temperature @10N	°C	ASTM D1525	153
Heat Deflection Temperature 0.45 MPa	°C	ASTM D648	124
Other Properties			
Shrinkage MD/TD	%	SUMIKA	1.4 / 1.6
Flammability		UL94	HB

(1) Typical values only, not to be construed as specification limits
(2) Test specimen preparation method : Pursuant to ASTM D4101

Processing conditions: Recommended melt temperature : 190 – 230 °C

Storage and handling: Aramco PP CP90N should be stored in a dry cool place with adequate ventilation and protected from UV-light at temperature below 50 °C

Food Contact and other Regulations: Aramco PP CP90N resins are suitable for food contact applications. Detailed information is provided in Material Safety Datasheet and for additional specific information, please contact Saudi Aramco Products Trading Company for certificates.

Disclaimer: © Saudi Aramco Products Trading Company. All information supplied by or on behalf Saudi Aramco Products Trading Company in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by research and believed reliable, but Saudi Aramco Products Trading Company assumes no liability whatsoever in respect of application, processing or use made of the provided information or products, or any consequence thereof. The user is solely responsible and liable with respect to the application, processing or use of the provided information or product, whose quality and other properties shall be verified, or any consequence thereof. No liability whatsoever shall attach Saudi Aramco Products Trading Company for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or use of the provided information or products by the user. To the extent the user is entitled to disclose and distribute this document, the user may forward, distribute, and/or photocopy this copyrighted document only if unaltered and complete, including all of its headers, footers, disclaimers and other information.