PRODUCT DATA SHEET

30.01.2023 Ed.9

Polypropylene

SA233CF

Polypropylene Random/Heterophasic Copolymer

Description

SA233CF is a soft random heterophasic copolymer.

This grade is suitable for use on conventional blown film lines with air cooling.

Cas No. 9010-79-1

Typical characteristics

SA233CF can be described with following typical characteristics:

Outstanding mechanical properties
Retortable
Easy processing on standard blown film lines with aircooling
High softness and toughness

Applications

SA233CF is intended for following applications:

Food packaging
Heavy-duty bags
Hygienic film
Lamination film
Soft packaging film
Stand up pouches

Physical properties

Property	Typical value *	Unit	Test method
Melt flow rate (230 °C/2.16 kg)	0.8	g/10min	ISO 1133-1
Flexural modulus [1]	600	MPa	ISO 178
Charpy impact strength, notched (23 °C)	58	kJ/m²	ISO 179-1
Melting temperature	141	°C	ISO 11357-3
Vicat softening temperature A50 (10 N)	125	°C	ISO 306

* Data should not be used for specification work

[1] *Measured on injection moulded specimens, conditioned at 23 °C and 50 % relative humidity.*

Packaging and storage

SA233CF should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation, which can result in odour generation and colour changes and can have negative effects on the physical properties of this product.

Product compliance documents

Latest versions of product safety information sheets (PSIS), product safety data sheets (SDS) and other product liability documents are available in our website www.borealisgroup.com.

Sustainability aspects

Borealis is ever mindful of the impact of our products on the planet. We promote Design for Circularity (DfC) and Design for Recycling (DfR) to conserve natural resources and to reduce the environmental impact of products over their entire lifetime (including production, use phase and after phase). DfR helps ensure that material can be effectively recycled while maximizing the material performance efficiency. Further information on sustainability and Design for Recycling (DfR) can be found from our websites www.borealisgroup.com and www.borealiseverminds.com.

BOREALIS

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The product(s) mentioned herein are not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications.
To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication; however we do not assume any liability whatsoever for the accuracy and completeness of such information.
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It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products.
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