Braskem

Datasheet
Dec/2021

Polypropylene PROXESS H33

Description:

PROXESS H33 is a low melt flow rate homopolymer, developed for the extrusion process of biaxially oriented films in high speed equipment. It features a wide processing window with excellent productivity and thickness profile control, giving the film excellent optical and mechanical properties. The product DOES NOT contain slip or anti-block additives, making it suitable for the preparation of customized formulations. It also DOESN'T contain calcium stearate as a neutralizer and is indicated for the treated side.

Applications:

Food packaging, BOPP Film, Metalized film, Pearlized opaque films, Adhesive tapes, Suitable for use in lamination process.

Processes:

BOPP Film

Control Properties

Feature	Method	Units	Values
Melt Flow Rate (230°C/2.16 kg)	D 1238	g/10 min	3.3

Typical Properties

Feature	Method	Units	Values
Density	D 792	g/cm³	0.905
Flexural Modulus - 1% Secant	D 790	MPa	1500
Tensile Strength at Yield	D 638	MPa	35
Tensile Elongation at Yield	D 638	%	11
Rockwell Hardness (R Scale)	D 785	-	95
Notched Izod Impact Strength at 23°C	D 256	J/m	30
Deflection Temperature under Load at 0.455 MPa	D 648	°C	98

a) Injection molded specimen according to ASTM D 4101. NB = No Break.

Final Remarks

1. The information presented in this Data Sheet reflects typical values obtained in our laboratories, but should not be considered as absolute or as warranted values. Only the properties and values mentioned on the Certificate of Quality are considered as guarantee of the product.
2. In some applications, Braskem has developed tailor-made resins to reach specific requirements.
3. In case of doubt regarding utilization, or for other applications, please contact our Technical Assistance.
4. For information about safety, handling, individual protection, first aids and waste disposal, please see MSDS.
5. For regulatory information concerning the product, please consult the Regulatory Information Sheet or contact our Technical Assistance Area.
6. The mentioned values in this report can be changed at any moment without Braskem previous communication.