



Polypropylene

RA130E-8427

Description

RA130E-8427 is a low melt flow rate, grey in colour, random polypropylene (PP-R).

Applications

RA130E-8427 is used for single as well as for multilayer pipes. The product data sheet does not release customers from their liability to check that delivered material is fit for purpose and application.

Special Features

RA130E-8427 is a ready made material in pellet form for the production of pipes and fittings.

Physical Properties

Data should not be used for specification work. Borealis does not assume any liability whatsoever for accuracy and completeness of such information.

Property	Typical Value	Test Method
Data should not be used for specification work		
Melt Flow Rate (230 °C/2,16 kg)	0,25 g/10min	ISO 1133
Tensile Modulus	850 MPa	ISO 527-2
Tensile Strain at Yield	13,5 %	ISO 527-2
Tensile Stress at Yield	25 MPa	ISO 527-2
Charpy Impact Strength, notched (23 °C)	20 kJ/m ²	ISO 179-1

Processing Techniques

The actual conditions will depend on the type of equipment used.

Extrusion

Cylinder	180 - 210 °C
Head	210 - 220 °C
Die	210 - 220 °C
Melt temperature	220 °C

Specific recommendations for processing conditions can be determined only when the application and type of equipment are known. Please contact your local Borealis representative for such particulars.

Storage

RA130E-8427 should be stored in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage can initiate degradation, which results in odour generation and colour changes and can have negative effects on the physical properties of this product.

**Polypropylene****RA130E-8427****Safety**

Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of safety, recovery and disposal of the product. For more information, contact your Borealis representative.

Recycling

The product is suitable for recycling using modern methods of shredding and cleaning. In-house production waste should be kept clean to facilitate direct recycling.

Please see our "Safety data sheet" / "Product safety information sheet" for details on various aspects of safety, recovery and disposal of the product. For more information, contact your Borealis representative.

Limitation of use

This product is not sold for pipe applications in North America.

Issuer:

Marketing Oil & Gas / Thierry Pezard
Product Management / Petar Doshev

Disclaimer

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.

No liability can be accepted in respect of the use of any Borealis product in conjunction with any other products and/or materials. The information contained herein relates exclusively to our products when not used in conjunction with any other material unless as specifically provided for in the test methods stated above.