



NAME: BorECO™ BA212E

Product DESCRIPTION

BorECO BA212E is a high molecular weight, low melt flow rate polypropylene block copolymer (PP-B) with very high stiffness (PP-B HM) and impact strength.

Typical Data: (Table)

Property	Typical Value	Test Method
Density	900 kg/m ³	ISO 1183
Melt Flow Rate (230 °C/2.16 kg)	0,3 g/10min	ISO 1133
Flexural Modulus (2 mm/min)	1.700 MPa	ISO 178
Tensile Strain at Yield (50 mm/min),	8 %	ISO 527-2
Tensile Stress at Yield (50 mm/min)	31 MPa	ISO 527-2
Charpy Impact Strength, notched (23 °C)	50 kJ/m ²	ISO 179/1 eA
Charpy Impact Strength, notched (-20 °C)	5 kJ/m ²	ISO 179/1 eA

Data should not be used for specification work



BorECO BA212E is recommended for solid wall and structured wall non-pressure pipes (including spiral wound pipes and twin wall corrugated pipes), fittings and chambers and profiles.

PROCESSING TECHNIQUES

The actual conditions will depend on the type of the equipment used and the diameter and wall thickness of the pipes produced.

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

BorECO BA212E should be stored in dry conditions at temperature 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 physical properties of this product.

More information on storage can be found in Safety Information Sheet (SIS) for this product.

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.

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.

RELATED DOCUMENTS

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.

Safety Information Sheet

Statement on chemicals, regulations and standards Statement on compliance to regulations for drinking water pipes