

# Akoalit PB 4267 grey

Polybutylene  
LyondellBasell Industries

## Message:

Akoalit PB 4267 grey is a premium highly isotactic polyolefin manufactured from butene-1 monomer. The product provides excellent long term hydrostatic strength also at elevated temperatures combined with high flexibility.

Akoalit PB 4267 complies with requirements specified in ISO 15876, ISO 12230, DIN 16968/DIN 16969 and many other National Standards for PB-1 pipe applications.

The grade is typically used for high-performance extrusion into pipe and injection moulding into fittings for potable hot and cold water distribution applications where improved organoleptic properties are required.

Akoalit PB 4267 is available in grey colour in pellet form.

Akoalit PB 4267 is not being sold for pipe applications in North America.

The grade is not intended for medical or pharmaceutical applications.

General Information			
Features	Good Creep Resistance		
	Good Flexibility		
	Good Organoleptic Properties		
	Good Thermal Stability		
	Homopolymer		
	Weldable		
Uses	Building Materials		
	Construction Applications		
	Industrial Applications		
	Piping		
Agency Ratings	DIN 16968		
	DIN 16969		
	ISO 12230		
	ISO 15876		
Appearance	Grey		
Forms	Pellets		
Processing Method	Extrusion		
	Pipe Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.60	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method

Tensile Stress <sup>1</sup>			ISO 8986-2
Yield, Compression Molded	20.0	MPa	
Break, Compression Molded	35.0	MPa	
Tensile Strain <sup>2</sup> (Break, Compression Molded)			ISO 8986-2
	300	%	
Flexural Modulus	450	MPa	ISO 178
NOTE			

1. Type IV, Conditioned 10 days at 20°C

2. Type IV, Conditioned 10 days at 20°C

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#### Recommended distributors for this material

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