

Akoalit PB R539

PB

LyondellBasell Industries

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	0.7	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Flexural Modulus (23°C)	370	MPa	ISO 178
Yield stress	15	MPa	ISO 8986-2
Stress at Break	35	MPa	ISO 8986-2
Strain at Break	320	%	ISO 8986-2

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	123	°C	ISO 11357-1/-3

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	920	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding, Sheet Extrusion

Delivery form

Pellets, Natural Color

Features

Creep Resistance, Thermal Stability, Weldable, Copolymer, Random Copolymer

Chemical Resistance

Hydrolysis

Certifications

Water contact

Applications

Building Construction