

CirculenRecover HD45U06 Natural (PE-HD)

LyondellBasell Industries

CirculenRecover HD45U06 Natural contains at least 40% of recycled material.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	6	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	21.6	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	850	MPa	ISO 527
Yield stress	24	MPa	ISO 527

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	131	°C	ISO 11357-1/-3
Vicat softening temperature A	125	°C	ISO 306

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	945	kg/m³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	180 - 240	°C	-

Characteristics

Processing

Blow Molding

Chemical Resistance

Environmental Stress Crack Resistance, Oxidation Resistance

Delivery form

Pellets, Natural Color

Certifications

Recycled Resin Content

Special Characteristics

Impact modified

Applications

Packaging

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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