

CirculenRecover HD5603 Grey (PE-HD)

LyondellBasell Industries

CirculenRecover HD5603 Grey contains at least 98% of recycled material.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt Flow Index, MFI	0.4	g/10min	ISO 1133
MFI temperature	190	°C	-
MFI load	2.16	kg	-

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1200	MPa	ISO 527
Yield stress	24	MPa	ISO 527
Yield strain	9	%	ISO 527
Notched Impact Strength (Charpy), -30°C	2.5	kJ/m ²	ISO 179/1eA

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	956	kg/m ³	ISO 1183
Bulk density	500	kg/m ³	-

Processing Recommendation Extrusion	Value	Unit	Test Standard
Melt temperature	180 - 210	°C	-

Characteristics

Processing

Profile Extrusion, Sheet Extrusion, Blow Molding

Certifications

Recycled Resin Content

Delivery form

Pellets

Applications

General Purpose, Packaging

Chemical Resistance

Oxidation Resistance

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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