

Technical Data Sheet

PCR HDPE Regranulate Natural

Product Code: 080203

Recycled Content: 100 % PCR (post-consumer)

Melt Filtration: 200 µm

Product Description:

080203 PCR HDPE Regranulate Natural comes from post-consumer recycled materials in Europe and is suitable for blow moulding applications. The material is Recyclclass (EN15343) certified.



Physical Property	Value	Units	Test Standard	Test Condition
Density	0,90-0,96	g/cm ³	EN ISO 60:2011	23°C
MFI	0,35 ± 0,15	g/10min	EN ISO 1133	2,16 kg 190°C
Average granules diameter	6	mm	EN 15344:2008	
Diameter tolerance	± 2	mm	EN 15344:2008	
Thickness	3	mm	EN 15344:2008	
Tolerance	±1	mm	EN 15344:2008	
Residual humidity	≤ 0,2	%	N.A.	% mass loss after heating a sample weighing 10g at temperature 100°C
Tensile stress	19-21	N/mm ²	EN ISO 527	
Elongation at break	400-500	%	EN ISO 527	

Physical Property	Value	Units	Test Standard	Test Condition
Gas bubbles	<5	% quantitative	Visual inspection	
HDPE content	100	%	ISO 11357-3:2018	DSC
Other polymers content		%	ISO 11357-3:2018	DSC
Recycled content	100	%	ISO 11357-3:2018	DSC
Contaminations	0	%	Internal	Over 0,75 mm
Smell	Imperceptible or barely typical for HDPE regranulate	-	Internal	By smelling - 10 minutes after opening the sample package

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