

TECHNICAL DATASHEET

LDPE Recycled Grey QR-LDX002

PRODUCT DESCRIPTION

Grey LDPE granules
100% post-consumer-recycling-proportion (PCR)
200µm filtration

TYPICAL PROPERTY VALUES

PHYSICAL	METHOD	UNIT	VALUE
MFI (190°C / 5kg)	ISO 1133	g/10 min	3.2
MFI (190°C / 2.16kg)	ISO 1133	g/10 min	1.2
Density	ISO 1183	g/cm ³	0.93
Ash content	ISO 3451-1	w%	≤ 4
PP content (DSC)	ISO 11357-1, -3	%	< 15

MECHANICAL	METHOD	UNIT	VALUE
Tensile Modulus	ISO 527-1, -2	MPa	350
Tensile Strength	ISO 527-1, -2	MPa	18
Charpy notched impact strength	ISO 179/1eA (23°C)	kJ/m ²	70

PROCESSING:

Extrusion, Injection moulding