

TECHNICAL DATASHEET

LDPE Recycled Black QR-LDX001

PRODUCT DESCRIPTION

Black LDPE granules
Post-consumer packaging
98% 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 |

| 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