

Technical Data Sheet



Type:

19900

Material:

Polyethylene HD Black Compound

Colour:

Black

19900 is a black, High-Density Polyethylene recycled compound, typically used for injection moulding applications.

Property	Conditions	Standard	Specification	Units
Melt Flow Index	190°C / 2.16kg	ISO 1133	1.5-3	g/10 mins
Izod Impact, Notched	23°C, 5.5J	ISO 180/1A	>4.5	kJ/m ²
Tensile Load (Peak)	23°C, 50mm/min	ISO 527/1A	740-1100	N
Tensile Strain (Break)	23°C, 50mm/min	ISO 527/1A	>250	N/mm ²
Flexural Modulus	23°C, 10mm/min	ISO 178	>830	N/mm ²
Density	23°C	ISO 1183	0.94-0.97	g/cm ³

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Luxus technical compounds are custom engineered, high-quality polymers with a low carbon footprint. Each batch is produced from controlled blends of materials to meet agreed specifications.

Quality Standards:

Luxus Ltd is fully certified in accordance with the internationally accepted quality standard ISO9001 and is externally audited and accredited to EuCertPlas which verifies the origin and composition of plastic recyclates used and assures traceability and quality process.

Materials testing is performed 1 hour after injection moulding specimens.

Storage and handling:

Avoid prolonged storage in open sunlight, high temperatures (>50°C) and /or high humidity as this could accelerate alteration of properties and consequently loss of quality of the material and /or its packaging.

The material must be kept completely dry for good processing.

Disclaimer:

It is the customer's responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes.

The customer is responsible for the appropriate, safe, and legal use, processing and handling of all compounds purchased from us.

Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particular, warranty of merchantability or fitness for a particular purpose.



EuCertPlas



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