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This Product is Total Ecosolutions.

Description

Lumicene® M5222 is a second generation metallocene high density polyethylene showing outstanding organoleptic properties. It contains a slip agent to reduce the friction at application and opening of caps. Lumicene® M5222 also presents very good dimensional stability, stress-cracking resistance, rigidity and processability.

It is especially suited for the production of beverage caps & closures by injection or compression moulding, more specifically for carbonated drinks. Other typical applications include caps & closures for cosmetics and general purpose injection-moulded articles.

Characteristics

Property	Method	Unit	Typical value (*)
Melt Flow Rate (190°C/2.16 kg)	ISO 1133/D	g/10 min	2
Density	ISO 1183	kg/m ³	952
Tensile modulus	ISO 527	MPa	1000
Tensile strength at yield	ISO 527	MPa	25
Melting temperature	ISO 11357	°C	131

(*) Values indicated are typical for this product. Density and MFR are routinely measured during the standard quality control procedure. The other figures are generated by tests not included in the standard quality control procedure, and are given for information only. Data are not intended for specification purposes.

Processing recommendations

In order to maintain the good organoleptic properties of the product, it is recommended to process it at temperatures not exceeding 250°C.