

Queo™ 0219

Octene-1 Plastomer

DATA SHEET

Description and Attributes

Queo™ 0219 is an ethylene based octene plastomer produced in a solution polymerisation process using a metallocene catalyst.

Queo 0219 is an effective blend partner for other polyolefin polymers, providing:

- Excellent polyolefin compatibility
- Flexibility
- Outstanding toughness
- High clarity

Applications

Demonstrated applications include :

- Extrusion coated structures
- High clarity moulded goods
- Masterbatches and compounds

Additives

Queo 0219 contains processing stabilizers.

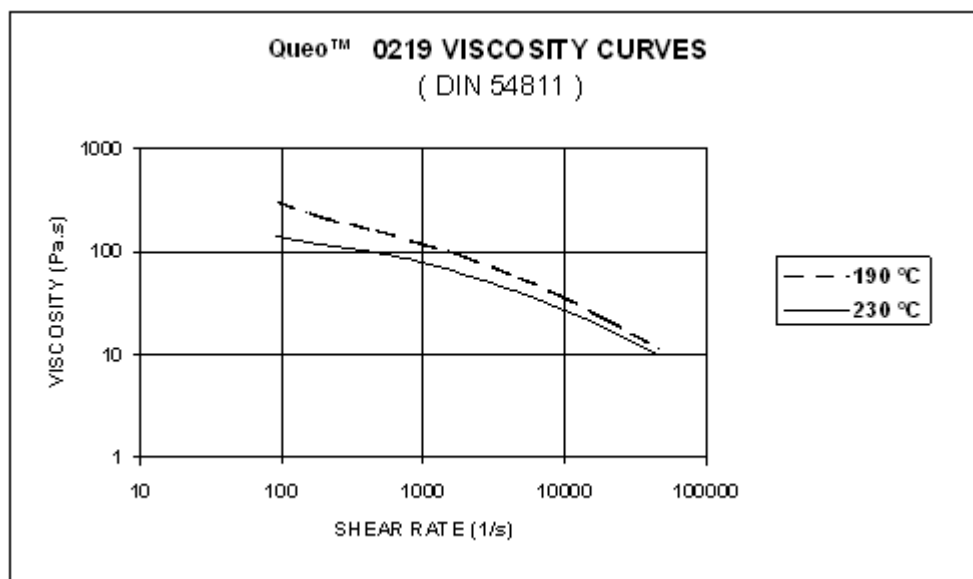
General properties	Units	Typical values [1]	Method
Melt Flow Rate (2.16 kg/190°C)	dg/min	19	ISO 1133
Density (23°C)	kg/m ³	902	ISO 1183
Shore D hardness	--	38	ISO 868
DSC peak melting point	°C	97	ISO 11357
Vicat softening temperature (at 10 N)	°C	71	ISO 306
Brittleness temperature	°C	< -76	ASTM D746

Moulded plaque properties [2]

Tensile strength at break	MPa	13	ISO 527-2 (5A)
Elongation at break	%	930	ISO 527-2 (5A)
Flexural modulus	MPa	63	ISO 178
Notched Izod at 23°C	kJ/m ²	No break	ISO 180 (1A)
Environmental stress crack resistance	hr	< 340	ASTM D1693 (method B)

[1] Values are typical and not to be interpreted as specifications.

[2] Specifics of compression moulded test specimen.



Food Law Compliance and Product Handling

Queo 0219 can - in principle - be used in food contact applications in various EU Member States and in the USA (FDA). Migration or use limitations may apply. Please contact your sales representative for more detailed information and/or actual compliance certification documents.

Specific information on material safety aspects of Queo 0219 will be provided upon request.

Standard Packaging

Queo 0219 is supplied as free flowing pellets in bulk or packaged in 25 kg bags. The 25 kg bags are assembled on a heat treated pallet to a net weight of 1'375 kg and covered with a stretch hood.