

EXACT 1019

Octene-1 Plastomer

DATA SHEET

Description and Attributes

EXACT™ 1019 is an ethylene based octene plastomer produced in a solution polymerisation process using a metallocene catalyst.

EXACT 1019 is an effective blend partner for other polyolefin polymers, providing:

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

Applications

Demonstrated applications include :

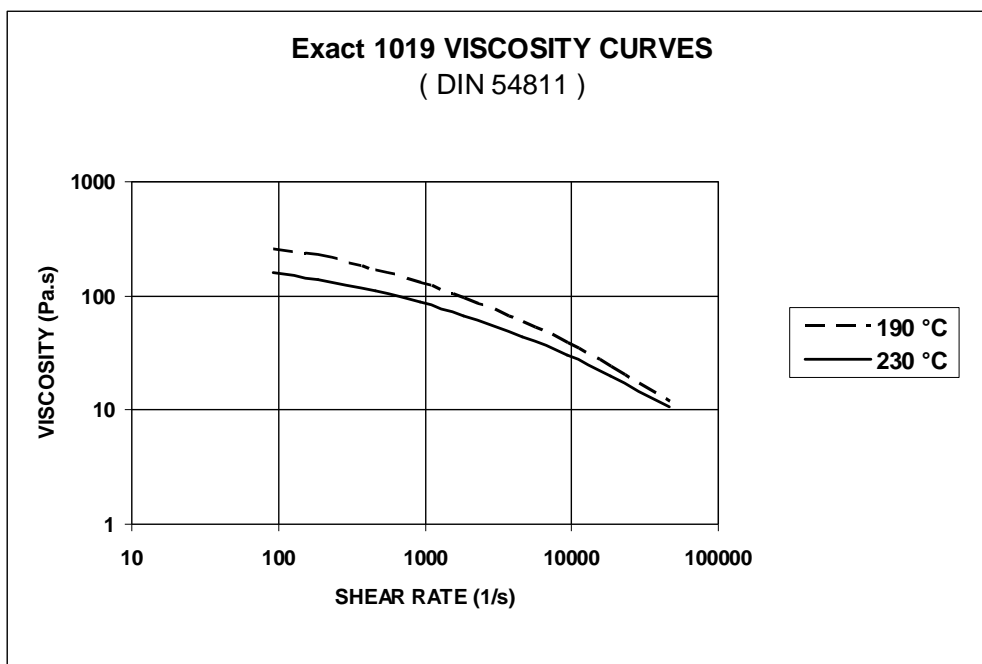
- Extrusion coated structures
- High clarity moulded goods
- Masterbatches and compounds

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	910	ISO 1183
Shore D hardness	--	41	ISO 868
DSC peak melting point	°C	104	ISO 11357
Vicat softening temperature (at 10 N)	°C	82	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	%	850	ISO 527-2 (5A)
Flexural modulus	MPa	112	ISO 178
Notched Izod at 23°C	kJ/m ²	No break	ISO 180 (1A)
Environmental stress crack resistance	hr	< 120	ASTM D1693 (method B)

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

[2] Specifics of compression moulded test specimen.



Additives

EXACT™ 1019 contains processing stabilizers.

Food Law Compliance and Product Handling

EXACT 1019 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 EXACT 1019 will be provided upon request.

Packaging

EXACT 1019 is supplied as free flowing pellets with standard package type 25 kg bags on shrink wrapped pallets with a total weight of 1,375 kg.

Further information

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