

EXACT 0230

Octene-1 Plastomer

DATA SHEET

Description

EXACT® 0230 is an ethylene based octene plastomer produced in a solution polymerisation process using a metallocene catalyst.

EXACT 0230 is designed for applications requiring excellent flow, high flexibility, outstanding toughness and excellent low temperature impact.

Typical end-uses include carpet backing, colour masterbatches and highly filled compounds.

Key performance attributes

- Free flowing pellets
- Flexibility
- Outstanding toughness and puncture resistance
- Low temperature flex-cracking and impact resistance
- High clarity
- High filler acceptance
- Excellent polyolefin compatibility

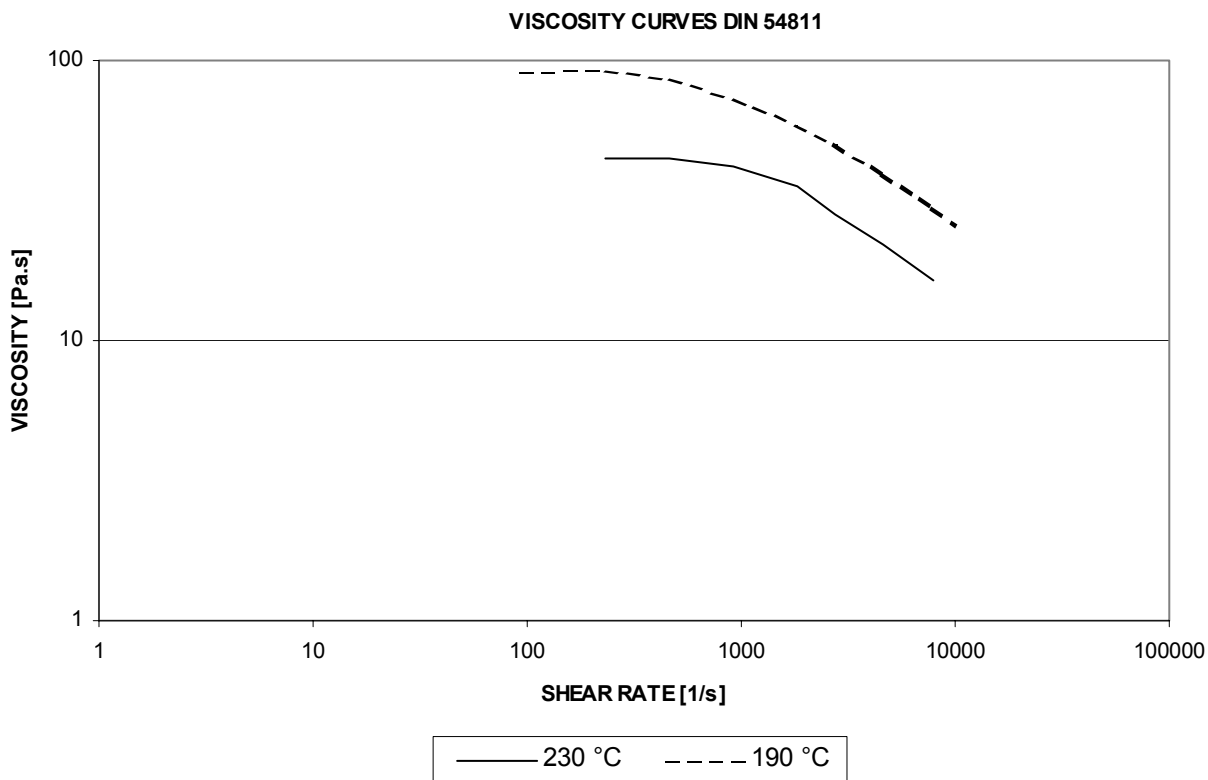
General properties	Units	Typical values [1]	Method
Melt Flow Rate (2.16 kg/190°C)	dg/min	30.0	ISO 1133
Density (23°C)	kg/m ³	902	ISO 1183
Shore D hardness	--	34	ISO 868
DSC peak melting point	°C	97	ASTM D3418
DSC heat of fusion	J/g	125	ASTM D3418
Vicat softening temp. (at 10 N)	°C	72	ISO 306
Brittleness temperature	°C	< -73	ASTM D746

Moulded plaque properties [2]			
Tensile strength at break	MPa	13	ISO 527-2
Elongation at break	%	1250	ISO 527-2
Flexural modulus	MPa	67	ISO 178
Notched Izod @ 23°C and @ -40 °C	J/m	No break	ASTM D256
Environmental stress crack resistance	hr	20	ASTM D1693

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

[2] Specifics of compression moulded test specimen.

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Food Law Compliance and Product Handling

EXACT 0230 complies with FDA 21 CFR 177.1520 - "Olefin Polymers" - (C) 3.2c.

Detailed and specific information on food law compliance and material safety aspects of EXACT grades will be provided upon request.

Packaging

EXACT 0230 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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