

# EXACT 0210

## Octene-1 Plastomer

## DATA SHEET

### Description and Attributes

EXACT® 0210 is an ethylene based octene plastomer, produced in a solution polymerisation process using a metallocene catalyst.

EXACT 0210 is an effective and versatile blend partner for other polyolefin polymers, providing :

- Excellent PP compatibility
- High flexibility
- Outstanding toughness
- Excellent low-temperature flex-cracking resistance
- High clarity

### Applications

Demonstrated applications include :

- Household consumer goods
- High clarity PP moulded goods
- Closures
- Masterbatch carrier
- Wire and cable compounds
- Highly filled compounds

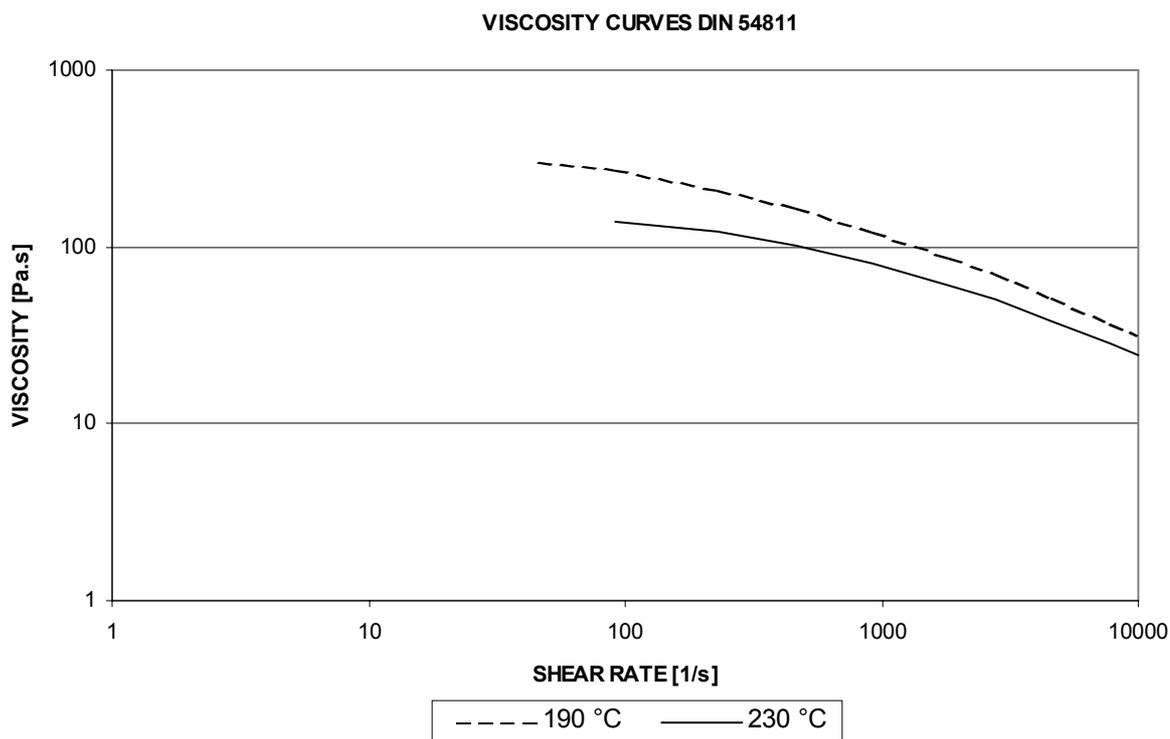
<b>General properties</b>	<b>Units</b>	<b>Typical values [1]</b>	<b>Method</b>
Melt Flow Rate (2.16 kg/190°C)	dg/min	10.0	ISO 1133
Density (23°C)	kg/m <sup>3</sup>	902	ISO 1183
Shore D hardness	--	37	ISO 868
DSC peak melting point	°C	95	ASTM D3418
DSC heat of fusion	J/g	120	ASTM D3418
Vicat softening temp. (at 10 N)	°C	77	ISO 306
Brittleness temperature	°C	< -73	ASTM D746

<b>Moulded plaque properties [2]</b>			
Tensile strength at break	MPa	28	ISO 527-2
Elongation at break	%	1550	ISO 527-2
Flexural modulus	MPa	65	ISO 178
Notched Izod @ 23°C and @ -40 °C	J/m	No break	ASTM D256
Environmental stress crack resistance	hr	100	ASTM D1693

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

[2] Specifics of compression moulded test specimen.

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### **Additives**

EXACT 0210 contains processing stabilizers.

### **Food Law Compliance and Product Handling**

EXACT 0210 complies with FDA 21 CFR 177.1520 - "Olefin Polymers" - (C) 3.2c.

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

### **Packaging**

EXACT 0210 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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March 2002