



EX-PCR-HD5 Resin

Developmental Homopolymer HDPE Recycled Resin

Property	ASTM ⁽¹⁾	Typical Values ⁽²⁾
Melt Index ⁽³⁾	D 1238	0.75 g/10 min
Density	D 792	0.958 g/cm ³
Color	D 6290	
L*		> 68
a*		-1.0 to 3.0
b*		3.0 to 9.0

Melt Index 0.75
Density 0.958

Features

- >99% post-consumer recycled resin
- Sourced from milk, water, and juice jugs

Applications

- Blend component for virgin polyethylene for various applications

(1) Properties designated have been determined using methods which are in accordance with, or substantially in accordance with, the specified testing standards.

(2) Typical Values represent average laboratory values and are intended as guides only, not as specifications.

(3) Condition 190°C/2.16 kg.



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Availability

EX-PCR-HD5 polyethylene resins are currently available in boxes. The product type and batch number are clearly marked on each container. Contact the NOVA Chemicals sales office nearest you for availability in your area.

Storage/Handling

EX-PCR-HD5 resin should be stored in a clean, dry place at ambient temperatures. Prolonged or improper storage can result in deterioration of product properties. Care should be taken when handling and transferring product to prevent foreign matter contamination. The NOVA Chemicals Safety Data Sheet (SDS) contains important safety information and should be reviewed before using the product.

Processing Conditions

Comprehensive assistance with processing conditions and technology is available from NOVA Chemicals Technical Service at (403) 291-8444.

Food Packaging Status

For regulatory compliance information, please contact your nearest NOVA Chemicals office.

Environmental

NOVA Chemicals polyethylene resins are biologically and chemically inert, but improper disposal may present an ingestion hazard to wildlife. Where recycling of NOVA Chemicals' polyethylene resins is not possible, disposal to landfill or incineration in accordance with all applicable government laws and regulations is recommended. Please contact NOVA Chemicals Technical Service for further information on recycling and disposal of NOVA Chemicals resins.



is the SPI resin code developed for high density polyethylene to identify material type for sorting and recycling purposes.

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