PRODUCT DATA SHEET

SYNDIGO™
recycled polyethylene BY NOVA CHEMICALS

rPE-0860-FC

Post-Consumer rHDPE Food Contact Compliant

Property	Test Method (1)	Typical Values (2)
Melt Index(3)	ASTM D1238	0.8 g/10 min
Density	ASTM D792	0.960 g/cm³
Color	ASTM D6290	
L*		70
a*		1
b*		8
Black Speck Contamination(4)	TAPPI T564	
0.25 - 1.00 mm^2		≤ 10
> 1.00 mm^2		≤ 1

(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.

(4) 10 gram pellet sample.

Melt Index	0.8
Density	0.960

Features

- Mechanically recycled resin
- 100% APR certified post-consumer content
- Sourced from natural milk, water, and juice jugs
- FDA conditions of use B-H all food types

Additives

- Processing antioxidant

Applications

- Flexible food packaging such as stand up pouches and cereal liners
- Rigid applications including caps, closures and blow molded containers for health and beauty

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Availability

rPE-0860-FC polyethylene resins are available in bulk hopper cars, hopper trucks, or 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

rPE-0860-FC 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

PCR polyethylene resins are biologically and chemically inert, but improper disposal may present an ingestion hazard to wildlife. Where recycling of 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 PCR resins.

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

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