

Material Safety Data Sheet

PCR HDPE Regranulate Food Grade

Product Code: 000612

Usage: Mainly used for bottles, blow films, and other extrusion use.

Composition		
Chemical Name	Abbreviation	CAS number
Polyethylene	HDPE	9002-88-4

Hazards identification	
Dangerous Sort	Not dangerous chemical, may burn when it in sources of ignition
Healthy effect	Not harmful

First-Aid measures	
Eye contact	Harmless to eyes, if eyes had contact with it flush with water
Skin contact	Harmless to skin
Inhalation	Harmless to respiratory system
Ingestion	Drink abundant warm water in order to try to vomit. Consult a doctor if needed.

Fire-fighting measures	
Specific hazards	May burn on contact with ignition sources
Extinguishing media	Foam, CO2, dry power or water

Accidental release measures	
Release measures	1. Cut off electrical source and leave the contaminated area for safety place.

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	<p>2. Wear the appropriate personal protective equipment, and trained personal responsible for clearing. Fight or remove all ignition sources.</p> <p>3. Notify the government health and safety and environmental protection-related units.</p>
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Handling and storage

Measures	Store in shady, cool and ventilated warehouse where the temperature is lower. Keep away from all sources of ignition. The instrument and machine which can make spark are forbidden.
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Personal protection equipment

Respiratory protection	Do not need special protection
Eye protection	Do not need special protection
Hand protection	Do not need special protection
Body protection	Wear work clothes
Other information	Do not smoke, ingest. Do not drink wine before working. Check body in schedule.

Physical and chemical properties

Physical state	translucent chips
Odor	Very slight
Color	Natural color
Density	0.93-0.96 g/cm ³
Melt point	131 °C
Decomposition temp.	300 °C
Solubility in water	Insoluble

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Stability and reactivity

Stability	Stable at normal temperature of storage, handling and use.
Conditions to be avoided	Flame, high temperature

Toxicological information

N/A	
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Ecological information

N/A	
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Disposal Considerations

Waste information	Not hazards waste
Waste disposal	Ignition under control
Disposal notice	Disposal area must comply with the environment safety standard

Transport information

General precautions	Prevent wetness by rain, prevent pollution by other things.
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Regulatory information

N/A	
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Other information

The recommendations and suggestions given in this report are made without any representation or warranty, as they are presented for your own investigation.