CHEREIN

Product Catalog

Recycled Polystyrene Solutions &
Advanced Processing Additives



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Shandong Cherein New Material Technology Co., Ltd.

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A premier China-based manufacturer dedicated to the recycled plastics industry. We specialize in high-quality **recycled EPS granules**, while also providing HIPS, expandable EPS, and material additives to empower global industrial buyers.



15
Production lines

5
Production bases

20,000 m²
Production area

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Transparent Recycled EPS Pellets

High-clarity recycled grade featuring a pure base color and negligible residue for demanding applications.



MFI	20–25 g/10 min (200°C, 5 kg)
Moisture	0.03% (90°C, 4 min)
Ash content	0.10% (direct combustion)
Supply ability	1,000 tons/month

Typical reference values. Final specifications are confirmed for the selected batch.

Applications

High-quality extruded PS products

High-quality flame-retardant XPS boards

High-quality picture frame cores

Product features

Transparent granular appearance

Low listed moisture and ash

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Recycled EPS Pellets / Grade B

A general-purpose grade for mainstream extrusion and foaming.



MFI	15–18 g/10 min (200°C, 5 kg)
Moisture	0.04% (90°C, 4 min)
Ash content	0.56% (direct combustion)
Supply ability	1,000 tons/month

Typical reference values. Final specifications are confirmed for the selected batch.

Applications

Picture-frame mouldings

Decorative trims

General foamed PS profiles

Product features

Balanced melt-flow range

Controlled moisture reference

Recycled EPS Pellets / Grade C

An economy grade for deeper-colour PS products.



MFI	19.2 g/10 min (200°C, 5 kg)
Moisture	0.06% (90°C, 4 min)
Ash content	0.61% (direct combustion)
Supply ability	1,000 tons/month

Typical reference values. Final specifications are confirmed for the selected batch.

Applications

Dark picture-frame cores

Decorative profiles

Economy-grade extrusion

Product features

Economy-oriented selection

Natural brown base

White Recycled HIPS Pellets

White high-impact recycled PS for injection moulding and extrusion.



MFI	5–8 g/10 min
Impact strength	5–10 kJ/m²
Supply ability	300 tons/month
Other properties	Available by batch COA

Ranges shown are website references. Confirm test conditions with the current TDS.

Applications

Home-appliance parts

Casings and racks

Industrial and building components

Product features

Commercial-scrap feedstock

Toughness for injection moulding

Black Recycled HIPS Pellets

Black high-impact recycled PS for durable industrial components.



MFI	4–7 g/10 min
Impact strength	5–9 kJ/m²
Supply ability	300 tons/month
Other properties	Available by batch COA

Ranges shown are website references. Confirm test conditions with the current TDS.

Applications

Black appliance components

Casings and racks

Industrial and building parts

Product features

Deep black appearance

Machine sorted and cleaned feedstock

R-EPS Expandable Beads

Spherical expandable beads for moulded foam packaging.



Material	Recycled expandable EPS
Pellet diameter	0.8–1.20 mm
Expansion ratio	18–45 times

Applications

Medium/high-density packaging

Appliance display frames

Refrigerator structural parts and packaging

Product features

High strength

High hardness

Masterbatch for PS & HIPS

Colour and functional options for recycled PS and HIPS systems.



Compatibility	PS and HIPS systems
Function	Colouring and coverage
Options	Multiple colours

Applications

Picture-frame profiles

Decorative mouldings

Colour adjustment for recycled materials

Product features

Coordinated with EPS/HIPS grades

Multiple colour options

PS Toughening Agent

An additive for improving impact resistance in PS profiles.



Compatibility	PS (polystyrene)
Function	Toughness and impact improvement
Performance	Low-temperature fracture resistance

Applications

PS frame mouldings

Picture-frame profiles

Architectural profiles

Product features

Reduces edge chipping during cutting

Helps limit cracking during handling

Samples, bulk supply & enquiries

Minimum order	Our MOQ is typically one FCL (25 metric tons).
Packaging	Jumbo bags or 25 kg bags; custom options by agreement.
Samples	We can provide free samples (up to 1kg), but the courier freight should be collected at your end.
Documentation	We can provide the latest TDS and COA for your review.
Lead time	Confirmed for the grade, quantity, destination and schedule.

Tell us your application, target properties, monthly demand and destination.

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