

PMI Insoluble Sulfur HS OT-20 (IS-HS-7020)

Insoluble Sulfur HS OT-20 can improve the resistance to both fatigue and ageing of all rubber products. It is widely used in the manufacture of the rubber industry for tire, rubber pipe, shoes, cable/ wire, insulating materials, latex, and automotive rubber parts.

1. Advantages of using Insoluble Sulfur:

- No blooming for semi-finished product
- Maintain tackiness of rubber surface to prevent separation
- Achieve better dispersion in the compound, maximum the physical properties

2. Specification:

Item	Unit	Specification
Appearance	NA	Dustless Yellow Powder
Sulfur Content	%	80.0 ± 1
Insoluble Sulfur Content (total S)	%	≥ 90.0
High Temperature Stability, 105°C x 15 min, (total S)	%	≥ 75.0
Oil Content	%	20.0 ± 1
Acid Content, As H ₂ HO ₄ ,	%	≤ 0.05
Heat Loss, 60°C x 2 hours	%	≤ 0.40
Ash	%	≤ 0.15
Sieve Residue, 100 mesh	%	≤ 0.20

3. Packing and storage:

PMI IS OT-20 Insoluble sulfur is packed in a 25 kg bag with PE liner and request stored in a ventilated cool, dry place under normal conditions. Storage temperature should over 40°C. Keep away from a fire, heat, and moisture. It cannot be stored near amine and alkali, do not double stack to avoid blocking. The shelf life is 1 year from manufacturer date.