

IGI 1231A Prills

Manufacturer: International Group Inc.
Classification: Wax Antiozonant and process aid
Chemical Composition: Paraffin Wax

Specification Properties	Value	Test Method
Melting Point °F	127-134.5	ASTM D87
Viscosity @100°C, cSt	3.1-4.0	ASTM D445
Needle Penetration @25°C, dmm	18 maximum	ASTM D1321
Saybolt Color	+28 minimum	ASTM D6045
Oil Content	0.5% maximum	ASTM D721
Typical Properties	Value	Test Method
Physical Form	White to Tan Prills	Typical
Odor	1 maximum	ASTM D1833
Specific Gravity @212°F	0.754	Typical
Specific Gravity @176°F	0.764	Typical
Specific Gravity @77°F	0.910	Typical

> APPLICATIONS

Uses: IGI 1231A is usually used for release and as a process aid.

Protection: Mainly used as a process wax, but provides some static ozone protection.

Polymers: NR, most synthetic elastomers, plastics.

Synergism: Synergistic with p-phenylene diamine (PPD) antidegradants for maximum static and dynamic ozone protection.

Staining: Non-staining. Can be used in white compounds.

Cure Effect: No effect.

>FDA Regulations

This product meets the FDA requirements set forth in the 21 CFR 178.3710 for use in non-food articles in contact with food and in 21 CFR 172.866 for use in food.

> PACKAGING AND STORAGE

Packaging: 25 kg (55.1 lb.) bags.

Shelf Life: 5 years from date of manufacture if stored as indicated below.

Storage: Store in unopened original packages in a cool dry place.

Specification Date: July 17, 2018 (Supersedes January 25, 2011)