

**SOVEREIGN CHEMICAL COMPANY**

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IGI[®] 1242AWax Pellets
(Formerly Astax 140H Wax Pellets)**Manufacturer:** International Group Inc.**Classification:** Wax process aid**Chemical Composition:** Paraffin wax**Physical Data****Specification Properties**

	Value	Test Method
Melting Point	57.8-61.1°C (136-142°F)	ASTM D87
Needle Penetration @ 25°C(77°F)	18 dmm Maximum	ASTM D1321
Color Saybolt	+28 Minimum	ASTM D6045
Odor	1 Maximum	ASTM D1833
Oil Content	0.6% Maximum	ASTM D721
Kinematic Viscosity @ 100°C	3.8-5.0 cSt	ASTM D445

Typical Properties

	Value	Test Method
Physical Form	White to off-white pellets	Visual
Specific Gravity @ 20°C	0.88-0.92	Typical
Needle Penetration @ 37.8C(100°F)	32 dmm	ASTM D1321

Applications**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.**Typical Uses:** Usually used for release and as a process aid.**FDA Regulations**

21 CFR 178.3710 for use in non-food articles in contact with food

21 CFR.886 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: March 16, 2011 (Supersedes: May 7, 2010)