



IGI ISO-Polymers

IGI ISO-Polymers are highly branched polymers that have a unique combination of high molecular weights and low melting points. IGI ISO-Polymers create a network of crystalline chains in formulations which allows for enhanced stability and prevents syneresis. ISO-Polymers have exceptional gel forming characteristics and produce continuous lasting films in creams and lotions. ISO-P 100 HV can be used to produce clear gel systems for lip care and other applications which benefit from clear gel technology. ISO-Polymers can be customized to provide more or less branching which will enhance the physical characteristics.

Typical Properties of ISO-P 100 HV R-4570D

TEST METHODS	ASTM METHOD	SPECIFICATIONS		TYPICAL
		Minimum	Maximum	
Melt Point °F (°C)	D 36	----	----	99 (37.2)
ASTM Color	D 6045	----	2.0	----
Needle Penetration, dmm @ 77°F (25°C)	D 1321	----	----	30

INCI Name: Poly(C20-28 Olefin)

THE INTERNATIONAL GROUP INC.

USA

1100 East Main St.
Titusville
PA 16354

Toll Free: 1-800-852-6537
Telephone: (814) 827-4900

Canada

50 Salome Drive
Toronto
Ontario M1S 2A8

Toll Free: 1-800-561-3509
Telephone: (416) 293-4151

Visit our website at:

www.igiwax.com
www.igicare.com

NOTICE: All statements, information, and data given herein are believed to be accurate and reliable, but are presented without guaranty, warranty, or responsibility of any kind, express or implied. Statements or suggestions concerning our products are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated, or that other measures may not be required.

5/1/98



THE INTERNATIONAL GROUP, INC.