



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-Polymers can be customized to provide more or less branching which will enhance the physical characteristics.

Typical Properties of ISO-P 165 R-4570C

TEST METHODS	ASTM METHOD	SPECIFICATIONS		TYPICAL
		Minimum	Maximum	
Melt Point °F (°C)	D 36	----	----	165 (73.9)
ASTM Color	D 6045	----	2.0	----
Needle Penetration, dmm @ 77°F (25°C)	D 1321	----	----	5

INCI Name: Poly(C30-45 Olefin)

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