

THE INTERNATIONAL GROUP, INC.

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MICROSERE[®] 5818A

MICROSERE[®] 5818A is an amber colored microcrystalline wax of medium hardness. When used as a component in hot melt coatings and adhesives, MICROSERE[®] 5818A increases adhesive strength and toughness of formulation.

PHYSICAL PROPERTIES

TEST METHODS	ASTM METHOD	SPECIFICATIONS		TYPICAL
		Minimum	Maximum	
Drop Melt Point °F (°C)	D 127	170 (76.7)	189 (87.2)	176 (80)
Congearing Point °F (°C)	D 938	162 (72.2)	180 (82.2)	171 (77.2)
Kinematic Viscosity, cSt @ 212°F (100°C)	D 445	12.8	21.0	14.5
Oil Content, Wt%	D 721	----	2.5	----
ASTM Color	D 6045	----	3.5	----
Odor	D 1833	----	2	1
Needle Penetration, dmm @ 77°F (25°C)	D 1321	14	21	18
Needle Penetration, dmm @ 100°F (37.8°C)	D 1321	----	----	37
Needle Penetration, dmm @ 110°F (43.3°C)	D 1321	----	----	88

TYPICAL USES:

Waxed overwrap formulations / Corrugated containers / Component for hot melts in folding cartons, etc. / Rubber antiozonant.

FDA STATUS:

This product meets the FDA requirements set forth in 21 CFR 178.3710 for use in non-food articles in contact with food and in 21 CFR 172.886 for use in food.

7/13/07

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