



**CROWN
USA INC**

EcoTherm[®]
Yellow Alkyd Thermoplastic
Product No.: 16-YAX-AADA

TECHNICAL DATA SHEET

Material: EcoTherm[®] Yellow Alkyd Thermoplastic
Specification: Overland Park, Kansas

COMPOSITION*	YELLOW	ECOTHERM[®] TYPICAL RESULTS
Alkyd Binder	18.0% min	19.0%
Glass Beads AASHTO M-247 Type 1 Inert Fillers	50 - 50% 50% max	30.5% 49.0%
<u>PHYSICAL CHARACTERISTICS*</u>		
Retro-reflectivity	250 mcd min	300 mcd
Reflectance	45% min	50%
Federal Test Std. #595b color #13538	Match	Pass
Water Absorption	< 0.5%	0.05%
Specific Gravity	1.80 - 2.15	2.03
Indentation Resistance	≥ 55	65
Impact Resistance	10 in lbs. min	10.9 in lbs.
Softening Point	102.5± 9.5°C	100.5°C
Cracking Resistance At Low Temperatures	No Cracks	Pass
Abrasion Resistance	< 0.5 g	0.1 g
Flowability	21% max	16%
Flowability-Extended Heating	28% max	22%
Drying Time	2 min @ 50±3°F 10 min @ 90±3°F	Pass Pass
Storage Life	One Year	

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