



Product Data Sheet

ICORENE® K1500 SERIES			
mHDPE crosslinkable rotational molding resin			

PRODUCT DESCRIPTION

ICORENE® K1500 series are metallocene HDPE crosslinkable rotationally molded materials with outstanding part fill and impact. These products are available in 35 mesh black (K1502) and 35 mesh natural and colors (K1503).

SUGGESTED APPLICATIONS

- Agricultural products
- Automotive components
- Chemical storage tanks
- Large refuse containers
- Marine fuel tanks
- Recreational vehicle - fuel tanks

PHYSICAL PROPERTIES

PROPERTY NAME ⁽¹⁾	TEST METHOD	UNIT	VALUE
Notched Izod Impact	ASTM D256	ft-lbs/in	4.27
Elongation at Yield	ASTM D638	%	18
Tensile Strength at Yield (2"/min)	ASTM D638	psi	2,830
Flexural Modulus (1% Secant)	ASTM D790	psi	87,000
ESCR 100% Igepal®	ASTM D1693	hrs	F50 > 1,000
ESCR 10% Igepal®	ASTM D1693	hrs	F50 > 1000
Low Temp Impact (1/8" specimen)	ARM STD	ft-lbs	74
Low Temp Impact (1/4" specimen)	-40°F impact	ft-lbs	184
Heat Deflection Temp @ 66 psi	ASTM D648	°C	61
Heat Deflection Temp @ 264 psi	ASTM D648	°C	37

(1) The values indicated in the table describe typical properties; they do not constitute specification limits.

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