

Acrylloy® Acrylic Film 90001



General Description

Acrylloy® High Gloss clear designed for extruded capping applications when a gloss finish is required. Used to protect and extend the life of extruded sheet in interior and limited exterior applications, Acrylloy™ film is easily embossed and deep-draw thermoformed for custom applications. Acrylloy™ is non-yellowing, provides limited UV protection and enhanced chemical and scratch resistance for most commonly used sheet substrates. Acrylloy™ film is printable with various methods and easily embossed and deep-draw thermoformed for Sanitary-ware or other custom applications.



Technical

Properties	Test Method	Value	UOM
Specific Gravity (color dependent)	ASTM D-792	1.15	n/a
Area Yield	n/a	55.7	ft ² /lb
Gloss 60°	ASTM D-523	79	%
Luminous Transmission	ASTM D-1003	92	%
UV Transmission (280-380 nm)	ASTM D-1003	< 8	%
Tensile Strength	ASTM D-882	5,500	psi
Tensile Elongation	ASTM D-882	80	%

Product Information

Item	Description
Product Line	Korad®
Item Code	Acrylloy® Acrylic Film 90001
Material Description	Weatherable Acrylic Films
Product Description	Weatherable Acrylic Films
Characteristics	<ul style="list-style-type: none"> Substrates: ABS; PC; PVC; ASA; PMMA For decorative applications printable, paintable, and bondable Low gloss version available Consistent, predictable gloss control Good depth of gloss over ABS, PVC, PMMA, PC or ASA Protection from indoor fluorescent lighting against yellowing Abrasion protection and detergent resistance Mildew and fungus resistance for finished parts
Benefits	<ul style="list-style-type: none"> Ease of manufacture Regrind & reusability Printable Provides enhanced chemical and scratch resistance Excellent bond strength to multiple substrates
Applications	<ul style="list-style-type: none"> Bath & shower surrounds For applications where improved scratch and chemical resistance is desired

Related Documents

Title	Open
TDS—Korad® Acryloy 900010 2022	
AIS—90001	

*Typical values at .003"

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