Bonyan Kala Chemie

Technical Data Sheet

BAM 212 X-60

Medium oil Alkyd Resin

Based on Soybean Oil Fatty Acid 60% in Xylene

Product Description:

BAM 212 X-60 is a medium oil alkyd resin based on soybean oil fatty acid which offers excellent hardness, surface and deep drying and gloss and gloss retention.

Characteristics and Advantages:

- Excellent hardness
- Excellent surface and deep drying
- Excellent gloss and gloss retention
- Excellent adhesion and flexibility
- Excellent pigment wetting and dispersing
- Good solvent tolerance

Uses:

- Industrial paints and coatings
- Automotive repair paints

Technical Properties:

Physical data in liquid state at 25°C

These data are measured for each lot by our QC lab before its release.

Properties	Unit	Value	Test method
Oil content (approx.)	wt%	48	Calculation
Color	Gardner	Max 1	ASTM D1544
Viscosity (at 25°C)	St	60-90	ASTM D1545
Acid number	mg KOH/g	Max 10	ASTM D1639
Solid content	wt%	60±1	ASTM D1259

Typical Properties

These data are not subject to routine monitoring or part of the specifications; they are only reported for a better product description.

Properties	Unit	Value	Test method
Density (at 23°C)	g/cm³	1.0003	ASTM D1475
Flash point (open cup)	°C	21.8	ASTM D92

Dilutability (Internal test method)

White Spirit	⊙	**Butyl Acetate**	●
Xylene	●	**Acetone**	●
Toluene	●	**Butanol**	⊙
Ethyl Acetate	●		

●= unlimited dilutability
⊙= limited dilutability
O= substantial dilutability
○= very limited or no diliutabilit

Compatibility (ASTM D688 @T=160°C)

Aliphatic Polyisocyanate	Compatible	**Long Oil Alkyds**	Compatible
Medium Oil Alkyds	Compatible	**Amino Resin**	Incompatible
Short Oil Alkyds	Incompatible	**Hydroxyl Acrylic Resin**	Incompatible

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Product safety and Environmental protection:
The usual protective measures employed during the handling of Alkyd Resins should be observed. Further product safety information can be obtained from our Material Safety Data Sheet which is available on request.

Packaging: 190 kg (net) in steel drums.

Storage: Store in a cool place below 25 °C and away from moisture and direct sunlight.

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