

Technical Data Sheet

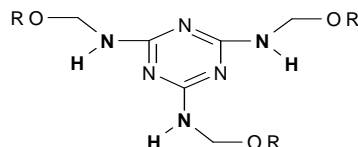
CHARACTERISTICS

High imino type, highly reactive, waterborne, methylated melamine formaldehyde resin

FORM OF DELIVERY

78% in water

STRUCTURE



SPECIFICATION

Determined per batch

Property

Viscosity EN ISO 3219-B (23°C) (cone/ plate)	[mPas]	700 -1400
Non-Volatile Matter / Solids Foil, 45 min. @ 45°C (435-1200-19)	[%]	77-79
Color, APHA (435-1019)		30 max.
Haze, APHA (435-1019)		15 max.
Density (Liquids) (435-1200-30) at 25°C	LB./Gal.	10.45-10.75
Formaldehyde Content (Sulfite) DIN EN ISO 11402	[%]	0.5 max.

Not continually determined

Flash Point (Pensky Martens, closed cup) analog.DIN EN 22719	[°F]	>200 (>93°C)
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Storage	Protect from Freezing
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Degree of polymerisation, DP (GPC/PS I)	1.20
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USES :

Resimene AQ-7551 is a high imino and high methylol type of methylated MF-resin dedicated to be used as a very high reactive crosslinker in waterborne formulations. Resimene AQ 7551 shows a good compatibility to waterborne acrylics, polyesters and polyurethan resins so that higher solids, low VOC waterborne formulations are yieldable. AQ 7551 shows a very good compromise between fast and low temperature cure while providing a good balance of cured film properties eg intercoat adhesion.

Suggested applications and end uses include paper and paperboard coatings, latex binder systems, non-woven binders, waterborne coatings and general metal coatings.










STORAGE STABILITY:

At temperatures up to 25°C the storage stability of Resimene AQ-7551 packed in original containers amounts to at least 6 months. Some turbidity may occur in isolated cases but this has no effect on product quality.



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