

DISPARLON®

Polyamide Rheology Additives for Sealants & Adhesives

DISPARLON 6100 and 6250 are polyamide thixotropes for use in sealants and adhesives. They have a lower activation temperature than conventional polyamides and provide a more shear thinning profile than fumed silica.

Advantages with DISPARLON 6100

- Lowest activation temperature
- Recommended for MMA adhesives and sealants

Advantages with DISPARLON 6250

- Excellent cost/performance balance
- Recommended for MS polymer and silicone sealants and epoxy adhesives

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Recommendations

Product	Additive Levels	Appearance	Sealants				Adhesives	
			Silicone	Silicone Modified Urethane	Modified Silicone	Polysulfide	MMA	Epoxy
6100	0.5 - 2.0%	White to light yellow powder	✓		✓	✓	✓	✓
6250	0.5 - 2.0%	White to light yellow powder	✓	✓	✓	✓		✓

Formulators note



To incorporate, add to the pigment grind at room temperature and then activate by mixing and heating.

DISPARLON 6100 and 6250 Performance Examples

Sealants

DISPARLON 6100 AND 6250 activate at 60 to 80°C in MS Polymer sealants.



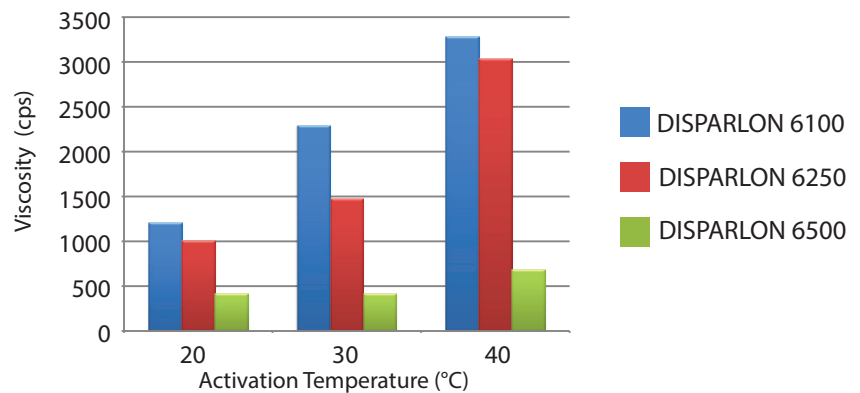
Adhesives

DISPARLON 6100 AND 6250 activate very easily at low temperatures to provide rheology and sag control to MMA adhesives.

Properties	DISPARLON Polyamide	Organo Clay	Fumed Silica	Castor Wax
Flexibility	✓	✗	✗	✓
Long term stability	✓	✗	✗	✗
Heat resistance	✓	✓	✓	✗

✓ Excellent ✗ Poor

DISPARLON Activation in MMA



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