

SYNTHALAT A 333

Characteristics: Modified thermoplastic acrylic resin

Supplied as: ca. 40% in xylene/butanol (2:1)

Use: As sole binder primarily for plastics

Properties:

<u>viscosity in sec.</u> (as supplied) (in-house method AV-F-V003)	90-150
<u>Gardner colour value</u> (as supplied) (in-house method AV-F-F007)	< 3
<u>non-volatile content</u> (as supplied) (in-house method AV-F-f003)	40 +/- 1%
<u>flash point in °C</u> (as supplied) (in-house method AV-F-F006)	24
<u>density in g/ml</u> (as supplied) (in-house method AV-F-D001)	0.94
<u>acid value</u> (relative to nvc) (in-house method AV-F-S001)	30-35

**Solubility/
Dilutability:**

Solvent	Dilute solution clear until ...% non-vol. comp.						
	35	30	25	20	15	10	5
Ethyl acetate	+	+	+	+	+	+	+
Butyl acetate	+	+	+	+	+	+	+
Ethoxy propyl acetate	+	+	+	+	+	+	+
Butoxyl	+	+	+	+	+	+	+
White spirit	-	-	-	-	-	-	-
MEK	+	+	+	+	+	+	+
MIBK	+	+	+	+	+	+	+
Toluene	+	+	+	+	+	+	+
Xylene	+	+	+	+	+	+	+
Shellsol A	+	+	+	+	+	+	+
Solvesso 150	+	+	+	+	+	+	+
Butanol	+	+	+	0	-	-	-
+	=	completely clear, no turbidity					
0	=	slightly turbid					
-	=	very turbid					

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Compatibility:

Non-vol. comp.:Synthalat-A 333	90	75	50	25	10 %
Non-vol. comp.:reaction partner	10	25	50	75	90 %
Laroflex MP 45	+	-	-	-	-
Laroflex MP 35	+	-	-	-	-
Laroflex MP 25	+	-	-	-	-
Pergut S 40	+	+	-	-	-
Pergut S 10	+	-	-	-	-
CAB 551-0,01	+	-	-	-	-
Vinylite VAGH	+	+	+	+	+
Vinylite VROH	+	+	+	+	+
NC-Wolle E 400	-	-	-	+	+
NC-Wolle E 510	-	-	-	+	+
Synthalat A 570	-	-	-	-	-
A 587	-	-	-	-	-
A 597	-	-	-	-	-
A 3269	-	-	-	-	-
A 521	-	-	-	-	-
A 526	-	-	-	-	-
A 526 HS	-	-	-	-	-
A 397	-	-	-	-	-
+	=	compatible			
-	=	incompatible			