



CHEMTECH



POLYAMIDE RESIN

1. Polyamide Resin Alcohol Soluble

Type	Quality Index					
	Acid Value mg KOH/g	Amine Value mg KOH/g	Softening Point °C	Viscosity mpa·s/25°C	Color(Fe-Co)	Tolerance(g/10g solution)
HD-400	≤5	≤4	106±5	60-90	--	--
HD-1811	<6	<6	95-106	120-180	<9	>6.7
HD-1833	<6	<6	100-120	120-160	<9	>3
HD-1855	<6	<6	100-120	80-120	<10	>7
HD-1884	<6	<6	100-120	140-180	<10	>3
HD-1845	<6	<6	130-150	120-200	<10	--
HD-1885	<15	<15	170-190	80-120	<17	--
HD-1899	<6	<6	100-120	140-200	<10	--

Type	Character	Application
HD-400	<ul style="list-style-type: none"> ★ Good adhesion to various plastic film ★ Superior solubility in alcohol 	Mainly used for the manufacturing of gravure and relief printing ink for substrates such as polyethylene, polypropylene, polyester, cellophane etc.
HD-1811	<ul style="list-style-type: none"> ★ Good freeze resistance results in enhanced gel resistance ★ With sufficient gloss and easy to form film ★ With excellent adhesive power ★ Able to improve the ink's water resistance and enhance the printed matter's ability to counter rubbing in icy water 	
HD-1833	<ul style="list-style-type: none"> ★ Extremely strong water resistance ★ Extremely strong adhesive power ★ Extremely strong oxidation resistance 	
HD-1855	<ul style="list-style-type: none"> ★ Well compatible with nitrocellulose ★ Improving the liquidity of inks and wetting property of paint to extreme extent ★ Increasing the brightness of ink ★ With excellent freeze resistance 	
HD-1884	<ul style="list-style-type: none"> ★ Extremely fast solvent release ★ Excellent oxidation and anti-adhesion resistance ★ Improving brightness of ink ★ Good wetting property of paint 	
HD-1845	<ul style="list-style-type: none"> ★ Strong adhesive power and good flexibility ★ The film has excellent rubbing resistance ★ Excellent heat and moisture resistance 	Be applied to preparation of various kinds of gravure and flexo inks and heat-seal coating materials
HD-1885	<ul style="list-style-type: none"> ★ Good grease resistance ★ Good scratching resistance and rubbing resistance 	
HD-1899	<ul style="list-style-type: none"> ★ Excellent solvent release ★ Resulting in reduced nitrocellulose consumption ★ The film has high hardness and low friction coefficient ★ Good anti-adhesion resistance 	

Please note: solution viscosity measured in 50% Nv with 95% ethanol (HD-400 measured in 40% Nv. with IPA:ethanol=1:1 as solvent)

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2. Polyamide Resin Co-Solvent Soluble

Type	Quality Index			
	Acid Value mg KOH/g	Amine Value mg KOH/g	Softening Point °C	Viscosity mpa·s/25°C
HD-300				100-150
HD-301	≤5	≤4	110±5	150-200
HD-302				150-250
HD-303				100-150
HD-304	≤5	≤4	110±5	150-200
HD-305				150-250
HD-306				100-150
HD-307	≤5	≤4	107±5	150-200
HD-308				150-250
HD-303M	<6	<6	110±5	120-160

Type	Character	Application	
HD-300 HD-301 HD-302	<ul style="list-style-type: none"> ★ Good adhesion ★ Increasing the brightness of ink ★ Excellent wetting property of paint 	Mainly used to various kinds of gravure ink used in printing on polyethylene, polypropylene terylene, cellophane	
HD-303 HD-304 HD-305	<ul style="list-style-type: none"> ★ Extremely fast solvent release ★ Improving the liquidity of inks ★ Strong adhesive power ★ Increasing the brightness of ink 		
HD-306 HD-307 HD-308	<ul style="list-style-type: none"> ★ Good freeze and gel resistance ★ Improving the liquidity of inks and wetting property of paint to extreme extent ★ Strong adhesive power ★ Increasing the brightness of ink 		
HD-303M	<ul style="list-style-type: none"> ★ Extremely fast solvent release ★ Improving the liquidity of inks ★ Well compatible with nitro cellulose ★ Strong adhesive power 		Be applied to flexo printing ink, coating ink and heat-seal coating materials.

Please note: solution viscosity measured in 40% Nv with toluene :IPA=7:3 as solvent)