



PAPER



Aqueous Polyurethane Dispersions for Paper

ANIONIC Aliphatic PUD	Chemical Properties								Application field	Paper coating	Impregnation	Matt Effect	Glossy effect
	Type	Solid %	Co-solvent type	Valore pH	Viscosity (mPa*s)	Hardness	Elongation at Break (%)						
ERCAPUR C glossy, soft and flexible film (slightly sticky)	PE	30	SOLVENT FREE	8,0 - 9,0	max 300	55 Shore A	700	luxury paper	•	•			
ERCAPUR A 30 medium soft and flexible film (slightly sticky)	PC/PE	40	SOLVENT FREE	5,5 - 7,5		65 Shore A	500	luxury paper	•				
ERCAPUR 7000 medium soft film	PE	35	SOLVENT FREE	7,5 - 8,5	max 300	75 Shore A	500	luxury paper	•				
ERCAPUR R glossy, soft and flexible film (slightly sticky)	PES/AC	40	SOLVENT FREE	8,0 - 9,0	max 600	45 Shore A	650	luxury paper	•	•			
ERCAPUR TC glossy, flexible and hard film	PE	35	SOLVENT FREE	8,0 - 9,0	max 300	60 Shore D	200	luxury paper	•			•	
ERCAPUR FK/F flexible and medium-hard film	PE	35	DMM	7,0 - 9,0	max 400	40 Shore D	600	luxury and security paper	•				
ERCAPUR 6600 glossy, flexible and medium-soft film	PE	35	DMM	7,0 - 9,0	max 600	75 Shore A	450	luxury paper	•			•	
ERCAPUR FDR glossy, flexible and medium-hard film	PE	37	DMM	7,0 - 9,0	max 450	45 Shore D	450	luxury and security paper	•	•		•	
ERCAPUR MR glossy, flexible and hard film	PES	30	DMM	7,0 - 9,0	max 300	55 Shore D	450	luxury paper	•			•	
ERCAPUR MC glossy, flexible and hard film	PE	30	DMM	7,0 - 9,0	max 300	60 Shore D	200	luxury paper	•			•	
HYDROMATT 5135 Matt flexible and hard film with soft touch effect		35	SOLVENT FREE	7,0 - 9,5	max 3000			luxury paper	•		•		
FLEX PU E 343 S flexible film, medium soft (slightly sticky)	PES	40	SOLVENT FREE	7,0 - 9,5	max 500	80 Shore A	600	luxury paper	•				



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	Type	Solid %	Co-solvent type	MFFT	°C	Viscosity (mPa*s)	Hardness	Elongation at Break (%)
CATIONIC Aliphatic PUD	Chemical Properties							
ERCAPUR MK <small>film flessibile e morbido, leggermente appiccicoso</small>	PES	30	SOLVENT FREE		4,0 - 6,0	max 300	50 Shore A	400
FLEX PU DK2149	PE	30	DMM		5 - 6,5	max 300	50 Shore A	1000

Application field	Paper coating	Impregnation	Matt Effect	Glossy effect
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	Type	Solid %	Co-solvent type	MFFT	°C	Viscosity (mPa*s)	Hardness	Elongation at Break (%)
NON IONIC Aliphatic PUD	Chemical Properties							
ERCAPUR SKC <small>very soft and sticky film</small>	PE	30	SOLVENT FREE		8,5 - 9,5	max 100	50 Shore A	900
FLEX PU 3330 <small>very soft and sticky film</small>	PES	30	DMM		7,0 - 9,0	max 300		1000
FLEX PU 3430 <small>very soft and sticky film</small>	PES	30	DMM		7,0 - 9,0	max 500	35 Shore A	700

Application field	Paper coating	Impregnation	Matt Effect	Glossy effect
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