

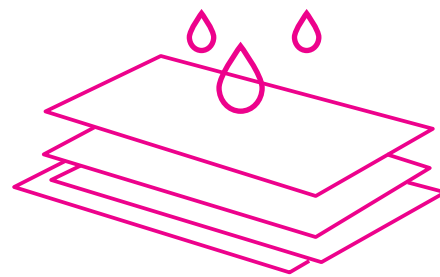
Esacote®

Solutions for food contact barrier paper



Acrylic emulsions

Oil and Grease Resistance barriers, with high solids content and very good heat sealability.



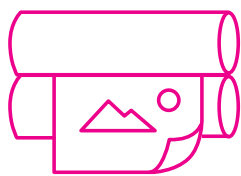
Ethylene-acrylic polymers

Water hold out and very good heat sealability.



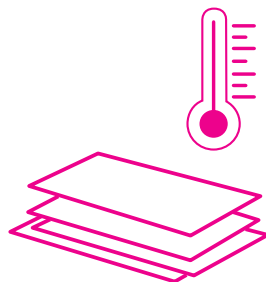
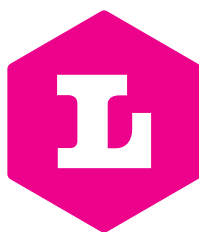
Natural polymers

Outstanding features for oil and grease resistance



Polymers engineered

Speed sizer/film press application



Acrylic polymers

Tailor-made heat sealability temperatures

Solutions for food contact barrier paper information typical value chart Product families and main features		Application					Chemical properties			Note
		OGR	Water Hold Out	MOSH/MOAH	Heat Sealability	Water Vapour	Chemical Nature	Solid Content (%)	pH	
Water based acrylic emulsions										
ESACOTE [®] BC 298	Self crosslinking, good water hold out. Good gluability		x				AC	40	8.0-9.0	Medium-High Blocking Tendency
ESACOTE [®] SF 82	Good balance for O&G resistance and water hold out. Heatsealable	x	x		x		AC	35	6.0-8.0	Low Blocking Tendency
ESACOTE [®] BC 57	Good balance for O&G resistance and water hold out. Heatsealable	x	x		x		AC	46	7.0-8.0	Medium-High Blocking Tendency
ESACOTE [®] BC 46 HP	Best performer for O&G resistance. Heatsealable	x			x		AC	35	6.0-8.0	Low Blocking Tendency
ESACOTE [®] LP 11	Best performer for water hold out and water vapour barrier. Heatsealable at low temp				x	x	AC	26	7.5-9.5	Medium Blocking Tendency
Water Based Polysaccharide-Acrylic Copolymer Emulsions										
ESACOTE [®] BIO BC 25	Enhanced O&G resistance	x			x		AC-PD	41	2.0-4.0	Low Blocking Tendency
ESACOTE [®] BIO BC 50	Enhanced Mineral Oil resistance	x		x			AC-PD	41	2.0-4.0	Low Blocking Tendency
ESACOTE [®] BIO BC 5025	Enhanced O&G and Mineral Oil resistance	x		x			AC-PD	41	2.0-4.0	Low Blocking Tendency, runnable in size press
Cellulosic Ether and Polysaccharide Derivatives										
ESACOTE [®] NT	Good O&G resistance. Ovenable	x					CMC	35	7.0-9.5	Designed for online applications (un-metring and metering size press)
CARBOCEL [®] DP 100 N	Good O&G resistance. Ovenable	x					PD	NA	7.0-9.0	Designed for online applications (un-metring and metering size press). Powder form
Rheology Modifiers										
VISCOLAM [®] 635	HASE shear thinning and superior flow						AC	30	2.0-3.5	Pseudoplastic Rheology Profile
VISCOLAM [®] NT 74	HASE high thickening and good water retention						AC	33	3.0-5.0	Newtonian Rheology Profile
VISCOLAM [®] 1020	PUD based, FCMD						PU	20	4.0-7.0	Newtonian Rheology Profile
VISCOLAM [®] PS 170 AIR	PUD based, VOC Free, FCMD						PU	46.5 min	4.0-10.0	Pseudoplastic Rheology Profile
DAICOL LV 100 FG	Ovenable						PD	NA	5.5-8.5	Depolymerized
DAICOL AR	Ovenable						PD	NA	9.5-10.5	Modified solubility

Above data cannot be considered as supply specification

AC acrylic
 CMC carboxymethyl cellulose PE
 PD polysaccharides derivative
 PU polyurethane
 NA not applicable

For more information please contact:
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