EMAC+€ SP1358

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Westlake Chemical Corporation

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EMAC resins adhere to and are compatible with a wide range of materials including paper, polyolefins, oriented polyolefins, polyesters, ionomers, PVdC, unplasticized PVC and other polar polymers. For use as heat seal layer, adhesive layer, or modifier for cost/performance enhancement. They are soft, pliable and tough at ambient and freezing temperatures and exhibit excellent ESCR. These polymers exhibit high solids fillability and compatibility with a wide range of polymers. This facilitates their uses as bases for all-purpose concentrates for addition to a wide spectrum of polymers. EMAC resins process like LDPE. EMAC+ Specialty Copolymers are produced under patented technology: US Patent 5804675.

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• Ž	• ESCR(• ‘ ’ “ ”)	• – — ˜ ™ Ž	• – — š › Ž	• – œ • Ž
	› Ž • –	š ž		
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ˆ ¥ Ž ¦	§ ¨ ©	ª « ¬	- ® ¯ °
± ²	0.940	g/cm€	ASTM D1505
³ ´ µ (³ ¶ ´ · ¸ µ) (190•C/2.16 kg)	2.4	g/10 min	ASTM D1238
„ ‰ ¸ • ƒ ¹ º	21.5	wt%	

» ²	§ ¨ ©	ª « ¬	- ® ¯ °
¼ ½ » ² (¾ ½ D)	32		ASTM D2240

¿ À Ž ¦	§ ¨ ©	ª « ¬	- ® ¯ °
• Á Â ² [1] (Ã ”)	10.0	MPa	ASTM D638
Ä Å µ [2] (Ã ”)	810	%	ASTM D638

¡ ¢	§ ¨ ©	ª « ¬	- ® ¯ °
Æ Ç È º			ASTM D882
1% É Æ, MD	39.0	MPa	ASTM D882
1% É Æ, TD	28.0	MPa	ASTM D882
• Á Â ²			ASTM D882
MD : Ã ”	17.0	MPa	ASTM D882
TD : Ã ”	14.0	MPa	ASTM D882
Ä Å µ			ASTM D882
MD : Ã ”	530	%	ASTM D882
TD : Ã ”	760	%	ASTM D882
Ê Ë Ì Í	410	g	ASTM D1709A
Î Ï Ð Ñ Ò • Ó Â ²			ASTM D1922
MD	69	g	ASTM D1922
TD	180	g	ASTM D1922
Ô ™ Õ ²	67.0	•C	

˜ Ž ¦	§ ¨ ©	ª « ¬	- ® ¯ °
Ö × Õ ²	< -73.0	•C	ASTM D746
Ø Ù ž × Õ ²	45.0	•C	ASTM D1525
³ Ú Û © Õ ²	95.0	•C	ASTM D3418

Ü Ý Ž ¦	§ ¨ ©	ª « ¬	- ® ¯ °
Ü Þ ² (45•)	43		ASTM D2457
ß ²	15	%	ASTM D1003

à á	
1.	â ã 4, 500 mm/min
2.	â ã 4, 500 mm/min