

TECHNICAL BULLETIN

Supplemental Product Information

PRODUCT:	353M Double-Coated Polyester Film
PRIMARY USE:	353M exhibits excellent adhesion to a very wide variety of substrates. 353M has very good general purpose foam lamination, and good lamination to fabricated parts.
AUTOMOTIVE SPECIFICATIONS:	<p>Chrysler PF-10770 (NC) General Motors GM3622M (11/93) Type III General Motors GM3622M (11/93) Type IV Cycle E General Motors GM3607M (12/97) Type I General Motors GM3607M (12/97) Type II Ford ESH-M11P19-B (3/93) Ford ESA-M11P19-A (1/79)</p> <p>* NOTE: Individual reports containing A2LA Accredited data can be provided on request.</p>
FOAM BONDING STUDIES:	<p>All foam materials are laminated using heat-assisted lamination techniques and tested immediately. Results are subjective observations:</p> <p>Monarch Rubber 2055 Neprene BasedVery Good Monarch Rubber 3091 Pure EPDMExcellent (Foam Tear) Monarch Rubber 4051 Epichlorohydrin.....Excellent (Foam Tear) Monarch Rubber 5013 EPDM-CR-SBR Blend.....Excellent (Foam Tear) Monarch Rubber 5031 EPDM-CR-SBR Blend.....Excellent (Foam Tear) Monarch Rubber 5032 EPDM-CR-SBR Blend.....Good Monarch Rubber 6071 NBR/PVC Industrial.....Excellent (Foam Tear) Armacell BAJN 200 – EEA Proprietary AlloyVery Good (Foam Tear) Armacell BDJN 200 – EVA & PE Resin Blend.....Very Good Armacell BDJN 400 – EVA & PE Resin Blend.....Very Good (Foam Tear) Armacell BKJN 200 – K Grade PE Resin.....Very Good Armacell BKJN 300 – K Grade PE Resin.....Very Good Armacell BKJN 400 – K Grade PE Resin.....Very Good (Foam Tear) Armacell BSJN 300 – S Grade PE Resin.....Very Good Armacell BSJN 400 – S Grade PE Resin.....Very Good Griswold Enlighten U.....Fair Griswold Super Soft Enlighten U.....Good</p>

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RoHS TESTING PROTOCOL:			
TEST METHOD	METHOD	MDL	RESULT
Monobromobiphenyl	With reference to: USEPA3540C or USEPA3550C Analysis performed by HPLC/DAD, LC/MS or GC/MS [Prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC]PLC	5 ppm	Not Detected
Dibromobiphenyl		5 ppm	Not Detected
Tribromobiphenyl		5 ppm	Not Detected
Tetrabromobiphenyl		5 ppm	Not Detected
Pentabromobiphenyl		5 ppm	Not Detected
Hexabromobiphenyl		5 ppm	Not Detected
Heptabromobiphenyl		5 ppm	Not Detected
Octabromobiphenyl		5 ppm	Not Detected
Nonabromobiphenyl		5 ppm	Not Detected
Decabromobiphenyl		5 ppm	Not Detected
Total PBB's (Sum of Above)	No Regulation	Not Detected	
Monobromobiphenyl	With reference to: USEPA3540C or USEPA3550C Analysis performed by HPLC/DAD, LC/MS or GC/MS [Prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC]	5 ppm	Not Detected
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Tetrabromobiphenyl		5 ppm	Not Detected
Pentabromobiphenyl		5 ppm	Not Detected
Hexabromobiphenyl		5 ppm	Not Detected
Heptabromobiphenyl		5 ppm	Not Detected
Octabromobiphenyl		5 ppm	Not Detected
Nonabromobiphenyl		5 ppm	Not Detected
Decabromobiphenyl		5 ppm	Not Detected
Total PBB's (Sum of Above)	No Regulation	Not Detected	
Chromium VI (Cr+6)	UV-VIS after reference to US EPA 3060	2 ppm	Not Detected
Cadmium (Cd)	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2 ppm	Not Detected
Mercury (Hg)	ICP-AES after reference to US EPA 3052 or other acid digestion.	2 ppm	Not Detected
Lead (Pb)	ICP-AES after reference to US EPA 3050B or other acid digestion.	2 ppm	Not Detected
NOTES:	1. ppm = mg/kg. 2. MDL = Minimum Detection Limit. 3. Testing reported herein performed by independent laboratory.		

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