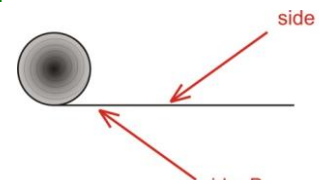


Production Part Approval Material Test Results

DAIMLERCHRYSLER 

ORGANIZATION: Fibertex Nonwovens a.s.		PART NUMBER: 1827999-165020_F				
SUPPLIER CODE:		PART NAME: PX5 44 22 C THI PI				
MATERIAL SUPPLIER:		DESIGN RECORD CHANGE LEVEL:				
CUSTOMER SPECIFIED SUPPLIER / VENDOR CODE:		ENGINEERING CHANGE DOCUMENTS:				
PARAMETER	STANDARD / LIMITS	SUPPLIER TEST RESULT	OK	NOK	REQUALIFICATION	COA
Product description						
Colour	Black					
Fibre composition	Polyester					
Fibre bonding	Needlepunched					
Treatment	Calandered, thermostabilised					
Laboratory results of roll nr. 25221432500303						
item 104051						
Mass per unit area (tested at Supplier)	EN 29073-1 220 ± 20 g/m ²	216	x		Once per three years	Yes
Thickness / 0.5 kPa (tested at Supplier)	EN ISO 9073-2 / A 1.4 ± 0.2 mm	1,3	x		Once per three years	Yes
Tensile strength / Fastening length is 100 mm (tested at Supplier)	EN 29073-3 MD, min. 260 N	313	x		Once per three years	Yes
	EN 29073-3 CD, min. 450 N	545	x			
Elongation at break / Fastening length is 100 mm (tested at Supplier)	EN 29073-3 MD, min. 40 %	47	x		Once per three years	Yes
	EN 29073-3 CD, min. 30 %	50	x			
Elongation at 100N / Fastening length is 100 mm (tested at Supplier)	EN 29073-3 MD, 7 ± 3 %	5	x		Once per three years	Yes
	EN 29073-3 CD, 7 ± 3 %	5	x			
Flammability (tested at Supplier)	ISO 3795 MD, max. 80 mm/min	69	x		Once per three years	Yes
	ISO 3795 CD, max. 80 mm/min	69	x			
Flammability (tested at Supplier)	FMVSS 302 MD, max. 80 mm/min	r.n.25220202501803 74	x		Once per a year	No
	FMVSS 302 CD, max. 80 mm/min	r.n.25220202501803 71	x			
Odor (tested at external laboratory)	VDA 270 C1+C2 max. 3 ratting	C1 1,5 C2 2,0	x		Only for validation	No
Fogging (tested at external laboratory)	DIN 75 201 B max. 1 mg	0,03	x		Only for validation	No
MD/CD - machine/cross direction						
Reference sample	Provided but not approved yet				On request	---
Roll number from which the reference sample was taken:					25221432500303	
Certificate of Analysis required for each delivery.						
Laboratory tests are carried out on non-conditioned samples in non-conditioned testing environment. Testing conditions do not influence the results accuracy.						
MSA: GRR > 30 % in most cases. The nonconformity is caused by the textile character of the product and not incorrect understanding or application of the used measurement method or incorrect measurement device.						
<p>$C_{pk} > 1.33$</p> <p>It is evaluated only for mass per unit area calculated from roll weight and dimensions.</p> <p>As the objective is process capability evaluated on the high-capacity line, the evaluation is not fixed to a certain product but to the product that is on the given production line manufactured in the evaluated period most.</p> <p>The assessment is made half-yearly, where the result in the middle of the year is only orientative. CA is defined only after the annual assessment.</p>						
APQP: Supplier uses his own tools.						
Subsupplier management: As only commodity raw materials are bought Supplier applies only ISO 9001 requirements on sub-suppliers.						
<p>143011</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <p>side A <-- face side</p> <p>side B <-- back side (it can contain defects but these defects must not)</p> </div> <div style="margin-left: 20px;"> <p>Roll packing</p> <p>Paper tube 76 x 5 mm</p> <p>6 rolls on pallet</p> <p>Identification - Galia label</p> </div> </div>						
		Jiřina Horňáková		R&D Project manager		
		03.06.2022				