



PRODUCT DATA SHEET

PRODUCT NAME

NYLONEX-Gloss27
 NYLONEX-Gloss Digital Supermelt 40 (SM40)
 NYLONEX-Gloss UBPT40

PRODUCT PROPERTIES

Section	Unit	NYLONEX-Gloss27	NYLONEX-Gloss UBPT40	NYLONEX-Gloss SM40	Test Method
1) Composition					
Substrate		Nylon	Nylon	Nylon	
Substrate Thickness	μm	12	12	12	
Adhesive Laydown	μm	15	28	28	
Total Film Thickness	μm	27	40	40	
2) Optical Data					
Transmittance	%	85	85	86	ASTM E 1164
Reflectance	%	11	11	9	ASTM E 1164
Haze{ After Lamination }	%	2	2	2	ASTM D 1003
3) Physical Data					
(Before Lamination)					
Heat Shrinkage	MD	1.0 ± 0.5 %	1.0 ± 0.5 %	1.0 ± 0.5 %	ASTM D 1204 (120°C / 15min)
(100°C. 15min)	TD	1.2 ± 0.5 %	1.2 ± 0.5 %	1.2 ± 0.5 %	
Glue melting point	°C	85±3	71±3	71±3	ASTM D 3418
Lamination Temperature	°C	121~135	121~135	121~135	Excelam Q 1670 RS Speed 3 step
Surface Wetting Tension (glue side)	mN/m	45 ± 2	45 ± 2	45 ± 2	ASTM D 2578

< the rest >

The data contained herein is provided to the best knowledge and is based on our general experience and tests undertaken in our laminating film laboratories. But GMP cannot guarantee these data in respect of factors, which are out of our control and responsibility. Therefore compliance with all legal patents, copyrights and registered designs is responsibility of user.



PRODUCT DATA SHEET

PRODUCT NAME

NYLONEX–Matt Antiscuff–Digital Supermelt 44 (SM44)
NYLONEX–Matt Antiscuff–UBPT44

PRODUCT PROPERTIES

Section	Unit	NYLONEX–Matt Antiscuff–SM44	NYLONEX–Matt Antiscuff–UBPT44	Test Method
1) Composition				
Substrate		Matt coated Nylon	Matt coated Nylon	
Substrate Thickness	μm	16	16	
Adhesive Laydown	μm	28	28	
Total Film Thickness	μm	44	44	
2) Optical Data				
Transmittance	%	87	87	ASTM E 1164
Reflectance	%	10	9	ASTM E 1164
Haze{ After Lamination }	%	62	58	ASTM D 1003
Glossy level	(60°)	7	8	ASTM D 2457
Roughness	μm	Rz 2.3	Rz 2.3	ASNI/ASME B46. 1–1995
Whiteness	%	93	93	ASTM E 313–1973
3) Physical Data (Before Lamination)				
Heat Shrinkage	MD	1.0 ± 0.5 %	1.0 ± 0.5 %	ASTM D 1204 (120℃ / 15min)
(100℃. 15min)	TD	1.2 ± 0.5 %	1.2 ± 0.5 %	
Glue melting point	℃	71±3	71±3	ASTM D 3418
Lamination Temperature	℃	121~135	121~135	Excelam Q 1670 RS Speed 3 step
Surface Wetting Tension (glue side)	mN/m	45 ± 2	45 ± 2	ASTM D 2578

< the rest >

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