



AFS RIGEL GLOSS
TECHNICAL DATA SHEET

Test Items	Test Method	Unit	Standard Value
Total thickness	GB/T 6672-2001	μm	189
Elongation at break	PT-6081G	%	≥150
Adhesive tape peeling	GB/T 2792-2014	gf/inch	>1400
Tear Strength	GB/T 529	KN/m	≥40
Tensile Strength	PT-6081G	Mpa	>15
100% modulus	PT-6081G	Mpa	>6
Gloss value	ASTM D523	-	91
Adhesion	ASTM D3330	gf/inch	1469
Stretch	ASTM D882	N	19



ASF GEMINI GLOSS
TECHNICAL DATA SHEET

Test Items	Test Method	Unit	Standard Value
Total thickness	GB/T 6672-2001	μm	187
Elongation at break	PT-6081G	%	≥150
Adhesive tape peeling	GB/T 2792-2014	gf/inch	1400
Tear Strength	GB/T 529	KN/m	≥40
Tensile Strength	PT-6081G	Mpa	>15
100% modulus	PT-6081G	Mpa	>6
Gloss value	ASTM D523	-	> 95
Adhesion	ASTM D3330	gf/inch	1600-1800
Stretch	ASTM D882	N	24-25

ASF GEMINI MATT
TECHNICAL DATA SHEET

Test Items	Test Method	Unit	Standard Value
Total thickness	GB/T 6672-2001	μm	187
Elongation at break	PT-6081G	%	≥300
Tensile Strength	PT-6081G	Mpa	>21
Gloss value	ASTM D523	-	> 11
Adhesion	ASTM D3330	gf/inch	1100-1300
Stretch	ASTM D882	N	19-20



AFS PHOENIX
TECHNICAL DATA SHEET

Test Items	Test Method	Unit	Standard Value
Topcoat Thinkness		μm	10±1
TPU Thickness		μm	150±3
Taber abrasion	ASTM D-1044	g	<3.5
Glass value	OTM-3-309		>80
Surface Haze	ASTM D-1003	%	<1
Tensil Strength	D-412	Mpa	34.47
Elongation at Break	D-412	%	550