

DMC DATA SHEET

Material : DMC Color : AS PER CUSTOMER REQUIREMENT		Date :- 2017-2018 Grade : SPF/MI/20	
TEST DETAILS	TEST METHOD	UNIT	Specified Value
PHYSICAL			
1. Density	ASTM D 792-2008	gm/cm ³	1.7-1.85
2. Glass Content	IS :13411-1992	%	19-21
3. Water absorption	IS :13410-1992	%	<0.2
4. Mould shrinkage	IS :13410-1992	%	0.15-0.2%
MECHANICAL			
1. Tensile Strength	ASTM D 638-10	Kg/cm ²	350
2. Flexural Strength	ASTM D790-02	Kg/cm ²	750
3. Impact Strength	ASTM D256-92	Kg/m ²	35
4. Comp. strength	ASTM D695-08	Kg/cm ²	1600
ELECTRICAL			
1. Volume Resistivity	DIN-53482-1967	Log ₁₀ ohm cm	13
2. Surface Resistivity	DIN-53482-1967	Log ₁₀ ohm	12
3. CTI	DIN-53480-1972	Volts	+800
4. BDV	ASTM D 1816	KV	13
5. Dry Arc Resistance	ASTM D -495	sec	+180
THERMAL			
1. Flammability	UL 94	V0	V0
RECOMMENDATION			
1. Mould Temp.	-	°C	140-155
2. Mould Pressure	-	Kg/cm ²	30-100
3. Curing Time	Sec/mm Thickness	Sec	30-50
TYPE OF MOULDING	-	Compression/INJ	Compression/INJ
For Shree Polyfabrictor.			

DMC DATA SHEET

Material : DMC Color : AS PER CUSTOMER REQUIREMENT		Date :- 2017-2018 Grade : SPF/MI/25	
TEST DETAILS	TEST METHOD	UNIT	Specified Value
PHYSICAL			
5. Density	ASTM D 792-2008	gm/cm ³	1.7-1.85
6. Glass Content	IS :13411-1992	%	23-25
7. Water absorption	IS :13410-1992	%	<0.2
8. Mould shrinkage	IS :13410-1992	%	0.10-0.15%
MECHANICAL			
1. Tensile Strength	ASTM D 638-10	Kg/cm ²	350
2. Flexural Strength	ASTM D790-02	Kg/cm ²	850
3. Impact Strength	ASTM D256-92	Kg/m ²	35
4. Comp. strength	ASTM D695-08	Kg/cm ²	1700
ELECTRICAL			
1. Volume Resistivity	DIN-53482-1967	Log ₁₀ ohm cm	13
2. Surface Resistivity	DIN-53482-1967	Log ₁₀ ohm	12
3. CTI	DIN-53480-1972	Volts	+800
4. BDV	ASTM D 1816	KV	12
5. Dry Arc Resistance	ASTM D -495	sec	+180
THERMAL			
1. Flammability	UL 94	V0	V0
RECOMMENDATION			
1. Mould Temp.	-	°C	140-155
2. Mould Pressure	-	Kg/cm ²	30-90
3. Curing Time	Sec/mm Thickness	Sec	30-50
TYPE OF MOULDING	-	Compression/INJ	Compression/INJ

For Shree Polyfabrictor.

DMC DATA SHEET

Material : DMC Color : AS PER CUSTOMER REQUIREMENT		Date :- 2017-2018 Grade : SPF/MI/16	
TEST DETAILS	TEST METHOD	UNIT	Specified Value
PHYSICAL			
9. Density	ASTM D 792-2008	gm/cm ³	1.7-1.85
10. Glass Content	IS :13411-1992	%	15-17
11. Water absorption	IS :13410-1992	%	<0.2
12. Mould shrinkage	IS :13410-1992	%	0.15-0.2%
MECHANICAL			
1. Tensile Strength	ASTM D 638-10	Kg/cm ²	350
2. Flexural Strength	ASTM D790-02	Kg/cm ²	700
3. Impact Strength	ASTM D256-92	Kg/m ²	15
4. Comp. strength	ASTM D695-08	Kg/cm ²	1500
ELECTRICAL			
1. Volume Resistivity	DIN-53482-1967	Log ₁₀ ohm cm	13
2. Surface Resistivity	DIN-53482-1967	Log ₁₀ ohm	12
3. CTI	DIN-53480-1972	Volts	+800
4. BDV	ASTM D 1816	KV	13
5. Dry Arc Resistance	ASTM D -495	sec	+180
THERMAL			
1. Flammability	UL 94	V0	V0
RECOMMENDATION			
1. Mould Temp.	-	°C	140-155
2. Mould Pressure	-	Kg/cm ²	30-85
3. Curing Time	Sec/mm Thickness	Sec	30-50
TYPE OF MOULDING	-	Compression/INJ	Compression/INJ
For Shree Polyfabrictor.			

DMC DATA SHEET			
Material : DMC Color : AS PER CUSTOMER REQUIREMENT		Date :- 2017-2018 Grade : SPF/MI/15	
TEST DETAILS	TEST METHOD	UNIT	Specified Value
PHYSICAL			
13. Density	ASTM D 792-2008	gm/cm ³	1.7-1.85
14. Glass Content	IS :13411-1992	%	14-16
15. Water absorption	IS :13410-1992	%	<0.2
16. Mould shrinkage	IS :13410-1992	%	0.15-0.2%
MECHANICAL			
1. Tensile Strength	ASTM D 638-10	Kg/cm ²	250
2. Flexural Strength	ASTM D790-02	Kg/cm ²	700
3. Impact Strength	ASTM D256-92	Kg/m ²	10
4. Comp. strength	ASTM D695-08	Kg/cm ²	1500
ELECTRICAL			
1. Volume Resistivity	DIN-53482-1967	Log ₁₀ ohm cm	14
2. Surface Resistivity	DIN-53482-1967	Log ₁₀ ohm	13
3. CTI	DIN-53480-1972	Volts	+800
4. BDV	ASTM D 1816	KV	10
5. Dry Arc Resistance	ASTM D -495	sec	+180
THERMAL			
1. Flammability	UL 94	V0	V0
RECOMMENDATION			
1. Mould Temp.	-	°C	140-155
2. Mould Pressure	-	Kg/cm ²	30-80
3. Curing Time	Sec/mm Thickness	Sec	30-50
TYPE OF MOULDING	-	COMPRESSION/TRANCEFER	COMPRESSION/TRANCEFER

For Shree Polyfabrictor.

DMC DATA SHEET

Material : DMC Color : AS PER CUSTOMER REQUIREMENT		Date :- 2017-2018 Grade : SPF/MI/20A	
TEST DETAILS	TEST METHOD	UNIT	Specified Value
PHYSICAL			
17. Density	ASTM D 792-2008	gm/cm ³	1.7-1.85
18. Glass Content	IS :13411-1992	%	14-16
19. Water absorption	IS :13410-1992	%	<0.2
20. Mould shrinkage	IS :13410-1992	%	0.15-0.2%
MECHANICAL			
1. Tensile Strength	ASTM D 638-10	Kg/cm ²	400
2. Flexural Strength	ASTM D790-02	Kg/cm ²	1100
3. Impact Strength	ASTM D256-92	Kg/m ²	20
4. Comp. strength	ASTM D695-08	Kg/cm ²	1550
ELECTRICAL			
1. Volume Resistivity	DIN-53482-1967	Log ₁₀ ohm cm	13
2. Surface Resistivity	DIN-53482-1967	Log ₁₀ ohm	11
3. CTI	DIN-53480-1972	Volts	+800
4. BDV	ASTM D 1816	KV	09
5. Dry Arc Resistance	ASTM D -495	sec	+180
THERMAL			
1. Flammability	UL 94	V0	V0
RECOMMENDATION			
1. Mould Temp.	-	°C	140-155
2. Mould Pressure	-	Kg/cm ²	30-85
3. Curing Time	Sec/mm Thickness	Sec	30-50
TYPE OF MOULDING	-	COMPRESSION/TRANC EFER	COMPRESSION/TRANC EFER

For Shree Polyfabrictor.