

Manufacturer			Product Name	
MTA Holding			Pen. Grade 10/20	
R	Property	Unit	Test Method	Limit
1	Specific Gravity @ 25/25 °C	*	ASTM D70	1.01-1.06
2	Penetration @ 25 °C	0.1mm	ASTM D5	10-20
3	Softening Point	°C	ASTM D36	58-66
4	Ductility @ 25 °C	cm	ASTM D113	>5
5	Loss On Heating	wt%	ASTM D6	0.2 max
6	Drop in Pen. After Heating	%	ASTM D5 & D6	20 max
7	Flash Point	°C	ASTM D92	225 min
8	Solubility In TCE	wt%	ASTM D4	99.5 min
9	Spot Test	*	A.A.S.H.O.T 102	Negative

Manufacturer			Product Name	
MTA Holding			Pen. Grade 40/50	
R	Property	Unit	Test Method	Limit
1	Specific Gravity @ 25/25 °C	*	ASTM D70	1.01-1.06
2	Penetration @ 25 °C	0.1mm	ASTM D5	40-50
3	Softening Point	°C	ASTM D36	52-60
4	Ductility @ 25 °C	cm	ASTM D113	>100
5	Loss On Heating	wt%	ASTM D6	0.2 max
6	Drop in Pen. After Heating	%	ASTM D5 & D6	20 max
7	Flash Point	°C	ASTM D92	250 min
8	Solubility In TCE	wt%	ASTM D4	99.5 min
9	Spot Test	*	A.A.S.H.O.T 102	Negative

Manufacturer			Product Name	
MTA Holding			Pen. Grade 60/70	
R	Property	Unit	Test Method	Limit
1	Specific Gravity @ 25/25 °C	*	ASTM D70	1.01-1.06
2	Penetration @ 25 °C	0.1mm	ASTM D5	60-70
3	Softening Point	°C	ASTM D36	49-56
4	Ductility @ 25 °C	cm	ASTM D113	>100
5	Loss On Heating	wt%	ASTM D6	0.2 max
6	Drop in Pen. After Heating	%	ASTM D5 & D6	20 max
7	Flash Point	°C	ASTM D92	250 min
8	Solubility In TCE	wt%	ASTM D4	99.5 min
9	Spot Test	*	A.A.S.H.O.T 102	Negative

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Manufacturer			Product Name	
MTA Holding			Pen. Grade 85/100	
R	Property	Unit	Test Method	Limit
1	Specific Gravity @ 25/25 °C	*	ASTM D70	1.01-1.05
2	Penetration @ 25 °C	0.1mm	ASTM D5	85-100
3	Softening Point	°C	ASTM D36	45-52
4	Ductility @ 25 °C	cm	ASTM D113	>100
5	Loss On Heating	wt%	ASTM D6	0.2 max
6	Drop in Pen. After Heating	%	ASTM D5 & D6	20 max
7	Flash Point	°C	ASTM D92	225 min
8	Solubility In TCE	wt%	ASTM D4	99.5 min
9	Spot Test	*	A.A.S.H.O.T 102	Negative

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Manufacturer			Product Name	
MTA Holding			Pen. Grade 90/130	
R	Property	Unit	Test Method	Limit
1	Specific Gravity @ 25/25 °C	*	ASTM D70	1.01-1.04
2	Penetration @ 25 °C	0.1mm	ASTM D5	90-130
3	Softening Point	°C	ASTM D36	43-47
4	Ductility @ 25 °C	cm	ASTM D113	>100
5	Loss On Heating	wt%	ASTM D6	0.2 max
6	Drop in Pen. After Heating	%	ASTM D5 & D6	20 max
7	Flash Point	°C	ASTM D92	250 min
8	Solubility In TCE	wt%	ASTM D4	99.5 min
9	Spot Test	*	A.A.S.H.O.T 102	Negative

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Manufacturer			Product Name	
MTA Holding			Pen. Grade 160/220	
R	Property	Unit	Test Method	Limit
1	Specific Gravity @ 25/25 °C	*	ASTM D70	1.01-1.05
2	Penetration @ 25 °C	0.1mm	ASTM D5	160-220
3	Softening Point	°C	ASTM D36	35-43
4	Ductility @ 25 °C	cm	ASTM D113	>100
5	Loss On Heating	wt%	ASTM D6	0.2 max
6	Drop in Pen. After Heating	%	ASTM D5 & D6	20 max
7	Flash Point	°C	ASTM D92	250 min
8	Solubility In TCE	wt%	ASTM D4	99.5 min
9	Spot Test	*	A.A.S.H.O.T 102	Negative