

CERTIFICATE OF ANALYSIS

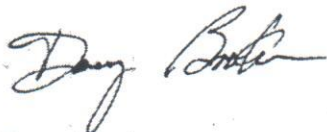
26 JUN 2014

200030 SHANGHAI
China

Material Description: Eastman(TM) Cellulose Acetate Butyrate (CAB-381-0.1), 20 KG (44.0 LB), Bag
Customer Order : SZO4037 /
Outbound Delivery : 35829813000010
Shipper Sales Order : 1773024
Ship Date : 24 JUN 2014
Batch / Lot : BG-19017B
Vehicle No : TCLU5935777
Total # of Packages : 150.000
Net Weight, KG : 3,000.000

Characteristic	Value	Lower Limit	Upper Limit
Acetyl, W%	13.67	12.00	15.00
Butyryl, W%	38.32	36.00	40.00
Free Acidity by IC, PPM	62	0	300
Moisture, W%	1.48	0.00	3.00
Hydroxyl, W%	1.47	1.00	2.00
ASTM-A Viscosity, s	0.144	0.070	0.160
Production Date	25.03.2014		

No set shelf life for cellulose esters has been established. Its useful life is dependent upon the storage conditions. See the Material Safety Data Sheet for storage and handling information. For documentation purposes, the expiration date may be considered as five years from the date of manufacture.



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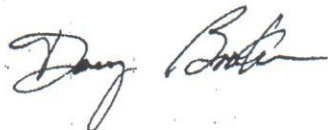
02 JUL 2014

200030 SHANGHAI
China

Material Description: Eastman(TM) Cellulose Acetate Butyrate (CAB-381-0.1), 20 KG (44.0 LB), Bag
Customer Order : SZO4034 /
Outbound Delivery : 35865745000010
Shipper Sales Order : 1773016
Ship Date : 02 JUL 2014
Batch / Lot : BG-19077B
Vehicle No : HLXU8026600
Total # of Packages : 180.000
Net Weight, KG : 3,600.000

Characteristic	Value	Lower Limit	Upper Limit
Acetyl, W%	12.98	12.00	15.00
Butyryl, W%	38.29	36.00	40.00
Free Acidity by IC, PPM	108	0	300
Moisture, W%	0.76	0.00	3.00
Hydroxyl, W%	1.61	1.00	2.00
ASTM-A Viscosity, s	0.116	0.070	0.160
Production Date	30.03.2014		

No set shelf life for cellulose esters has been established. Its useful life is dependent upon the storage conditions. See the Material Safety Data Sheet for storage and handling information. For documentation purposes, the expiration date may be considered as five years from the date of manufacture.



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