



Wellman Advanced Materials
North America Automotive Approval Index
December 2019 Update

Wellman Advanced Materials Division of Shanghai PRET Composites Co. Ltd.

520 Kingsburg Highway

Johnsonville, SC 29555

Ford Motor Company

Virgin Materials:

Description	Specification	Grade
PP LG60	No Specification	PP A422-LG60
PP LG40	WSS-M4D865-B1	PP A422-LG40
PP LG430	WSS-M4D865-B4	PP A422-LG30
PP LG20 UV stabilized	WSS-M4D865-B5	PP A422-LG20UV
PP LG20	WSS-M4D865-B7	PP A422-LG20
PP LG30	WSS-M4D865-B8	PP A422-LG30
PA66 MRGF40	WSK-M4D823-A	Wellamid MRGF25/15 22H-N

Description Key:

GF: Glass Fiber

MR: Mineral Reinforced

LG: Long Glass Fiber

T: Talc-filled

GS: Solid glass sphere

Ford Motor Company

Recycled Materials:

Description	Specification	Grade
PP GF20	WRS-M4D731-B2	Ecolene PP8004-BK1
PP GF30	WRS-M4D854-B3	EcoLene PP8002-BK1
PA6 GF40 Impact modified	WRS-M4D578-B2	EcoLon GFT3040-BK1
PA6 MRGF40	WRS-M4D822-B2	EcoLon 2020-BK2
PA6 MRGF40	WRS-M4D822-B2	EcoLon MRGF1616-BK
PA6 MRGF30	WSS-M4D968-B4	EcoLon MRGF1878-BKJA6A
PA6 MRGF30	WRS-M4D968-B4	EcoLon MRGF1878-BK1
PA6 GF30	WRS-M4D993-B3	EcoLon GF3030-BK1
PA66 MRGF25	WRS-M4D366-B2	EcoLon MRGF3013-BK1
PA66 GF35	WRS-M4D673-B2	EcoLon GF1960-BK
Neat PA66 Impact Modified	WRS-M4D706-B2	EcoLon NYT3000
PA66 MRGF38	WSS-M4D719-A2	EcoLon 2100-BK1
PA66 MRGF38	WSS-M4D719-A2	ECO 2000
PA66 MRGF38	WSS-M4D719-A2	MRGF1515-BK3
PA66 MRGF38	WSS-M4D719-A2	MRGF 1518BK
PA66 GF30 Hydrolysis Resistant	WRS-M4D752-B3	EcoLon GF1985-HRBK
PA66 MRGF40	WSK-M4D823-A	Wellamid MRGF25/15 22H-NBK1
PA66 MRGF19	WSS-M4D951-A2	EcoLon MRGF1619-BK5
PA66 MRGF19	WSS-M4D951-A2	EcoLon MRGF1619-BK3
PA66 GF25	WRS-M4D1016-A2	EcoLon GF3012-BK1
PA66 MRGF40	WSS-M4D1029-A1	Wellamid MRGF 25/15 22H-NBK1
PA66 MRGF40	WSS-M4D1029-A2	EcoLon 2200

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General Motors

Virgin Materials:

Description	Specification	Grade
ABS	GMW15572P-ABS-T2	Retom ABS 4330A
Neat PA66 Impact Modified	GMW16447P-PA66-T2	Wellamid 22LHI6-XE-N
Neat PA66 Impact Modified	GMW16447P-PA66-T2	Wellamid 22LHI6-XE-NBK1
PA66 GF33, MoS2 Lubricant	GMW18101P-PA66-GF35	Wellamid GF33-66 XE-N MoS2

Recycled Materials:

Description	Specification	Grade
PP GF35	Special	EcoLene PP8135-BK1
PA6 MRGF25	GMW8752	EcoLon MRGF1945-BK2
PA66 MRG40	GMW17062 -PA66-M15-GF25H	EcoLon MRGF1926-BK1
PA66 MRGF38	GMW17062 -PA66-M30-GF10H	EcoLon 2100-BK1

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Fiat Chrysler Automobiles

Virgin Materials:

Description	Specification	Grade
PP MR18 High Impact, Weatherable	MS-DC256 Type C CPN 3059	PP C3322T-B12 UVRXF
PP T25	MS-50042 CPN 3639	PP B5122T-QC
PP GF15 Chemically Coupled	MS-50042 CPN3666	PP B544-G15
PA6 MRGF40	MS-DB-41 CPN 2755	Wellamid MRGF25/15 42H-BKDX-9
PA6 GF20	MS-DB-41 CPN 3547	Wellamid GF20-60 XE-NBK1
PA6 GF30 Laser Etchable	MS-DB-41 CPN 3840	Wellamid GF30-60 XE NBKLE
Neat PA6 Weatherable	MS-DB-41 CPN 3870	Wellamid 42LH-WBK
PA6 GF20	MS-DB-41 CPN 4384	Wellamid GF20-60 XE-BKDX9
PA6/66 GF43	MS-DB-41 CPN 3595	Wellamid GF43-66/6 XE-N
PA6/66 GF43	MS-DB-41 CPN 3596	Wellamid GF43-66/6 XE-NBK1
PA6/66 GF33 Weatherable	MS-DB-41 CPN 3958	Wellamid GF33-66/6 XE-WBK
PA6/66 GF33	MS-DB-41 CPN 4405	Wellamid GF33-66/6 XE
PA6/66 GF43	MS-DB-41 CPN 4885	Wellamid GF43-66/6 XE-BKDX9
Neat PA66	MS-DB-41 CPN 1076	Wellamid 22LH-N
Neat PA66 Impact Modified	MS-DB-41 CPN 1826	Wellamid 22LHI6 XE-NBK1
Neat PA66	MS-DB-41 CPN 1899	Wellamid NY1599 BK

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Fiat Chrysler Automobiles

Virgin Materials (continued):

PA66 GF33	MS-DB-41 CPN 1900	Wellamid GF33-66 XE-NBK1
Neat PA66	MS-DB-41 CPN 1948	Wellamid 22LL-NBK1
PA66 GF33	MS-DB-41 CPN 2043	Wellamid GF33-66 XE-N
Neat PA66 Impact Modified	MS-DB-41 CPN 2055	Wellamid 22LHI6-XE-N
Neat PA66 Impact Modified	MS-DB-41 CPN 2055	Wellamid 22LHI4 XE-GY1
PA66 GF13	MS-DB-41 CPN 2239	Wellamid GF13-66 XE-NBK1
PA66 GF33 Hydrolysis Resistant	MS-DB-41 CPN 2727	Wellamid GF33A099 HRBK
PA66 MR40	MS-DB-41 CPN 3069	Wellamid MR409 22H-NBK4
PA66 MRGF38	MS-DB-41 CPN 3270	Wellamid MRGF3820-N
PA66 MR40	MS-DB-41 CPN 3319	Wellamid MR409 22H-N
PA66 GF13 Weatherable	MS-DB-41 CPN 3659	Wellamid GF13-66 XE-NBK1
PA66 MRGF40	MS-DB-41 CPN 3738	Wellamid MRGF25/15 22H-N
PA66 GS25	MS-DB-41 CPN 3795	Wellamid GS25-66 22LH-NBK1
PA66 GSGF 40	MS-DB-41 CPN 3802	Wellamid GSF25/15-66 22LNBK1
PA66 GSGF 40	MS-DB-41 CPN 3803	Wellamid GSF25/15-66 22L-N
PA66 MR40	MS-DB-41 CPN 3918	Wellamid MRB40 K004 WT1
PA66 MR40	MS-DB-41 CPN 3918	Wellamid MR410 22H
PA66 GF33	MS-DB-41 CPN 4347	Wellamid GF33-66 XE-BKDX9
PA66 GS25 Flame Resistant	MS-DB-41 CPN 4514	Wellamid FRGS25-66
PA66 MRGF38	MS-DB-41 CPN 4786	Wellamid MRGF3820-N

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Fiat Chrysler Automobiles

Recycled Materials:

Description	Specification	Grade
PA6 MRGF40	MS-DB-41 CPN 2755	EcoLon MRGF1616-BKDX9
PA6 MRGF40	MS-DB-41 CPN 2927	EcoLon MRGF1616-BK
PA6 MR25	MS-DB-41 CPN 4723	EcoLon MRGF1945-BK1
PA66 MR40	MS-DB-41 CPN 2228	Wellamid MR410 22H-NBK1
PA66 Impact Modified	MS-DB-41 CPN 2345	Wellamid XT1668-BK1
PA66 MRGF40	MS-DB-41 CPN 2554	EcoLon MRGF1926-BK1
PA66 MR40	MS-DB-41 CPN 2605	Wellamid MR409 22H-NBK1
PA6 MRGF40	MS-DB-41 CPN 2927	Wellamid MRGF25/15 42H-NBK1
PA66 MRGF40	MS-DB-41 CPN 2927	Wellamid MRGF25/15 22H-NBK1
PA6 MRGF40 Weatherable	MS-DB-41 CPN 3326	Wellamid MRGF25/15 42H-WBK
PA66 MR40	MS-DB-41 CPN 3546	Wellamid MR409 22H-NBK1/WE1349
PA66 MRGF38	MS-DB-41 CPN 3985	Wellamid MRGF3822-BK
PA66 MRGF38	MS-DB-41 CPN 4129	EcoLon 2100-BK1
PA66 MRGF38	MS-DB-41 CPN 4129	EcoLon 2000-BK1
PA66 MRGF19	MS-DB-41 CPN 4210	EcoLon MRGF1619-BK3
PA66 GF15 Impact Modified	MS-DB-41 CPN 4623	EcoLon GFT2015-BK1
PA66 GF35	MS-DB-41 CPN 4940	EcoLon GF1960-BK1
PA66 GF35 Organic Heat Stabilizer	MS-DB-41 CPN 5102	EcoLon GF1960-OHS-BK

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