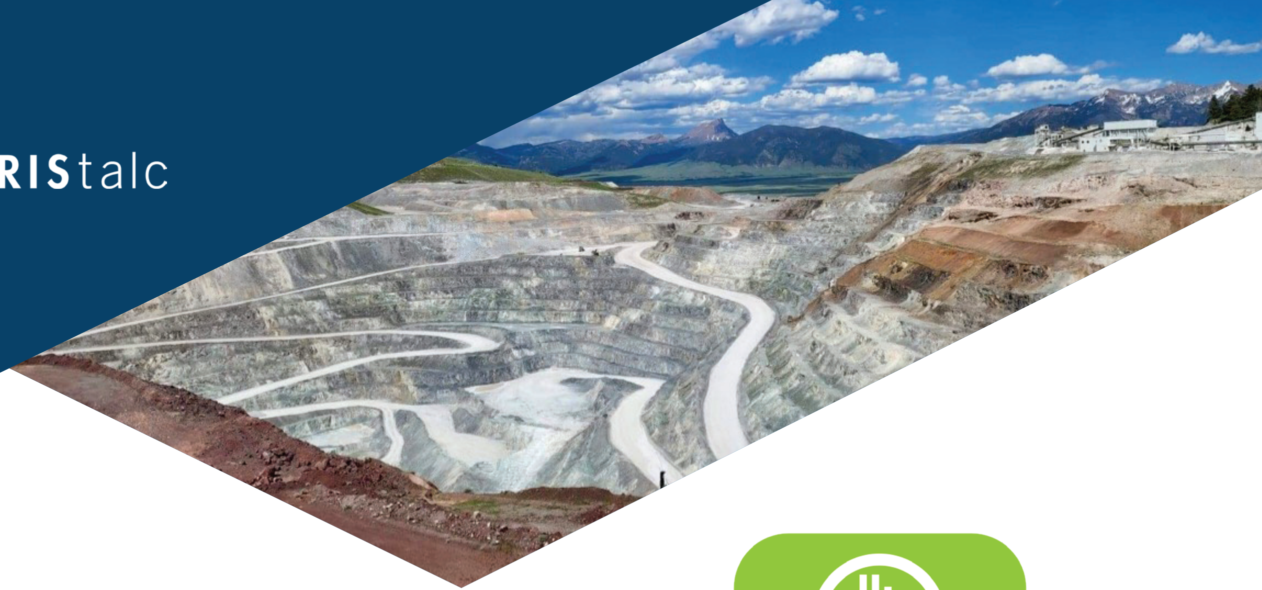
MAGRIStalc



NEW

Sustainable Talc Grades
JetFil® M-Series and Select Other Grades

VALIDATED

· JETFIL M300 CONTAINS 100% PRE-CONSUMER (POST-INDUSTRIAL) RECYCLED CONTENT

UL.COM/ECV

Magris Talc is proud to announce our new contribution to the sustainable economy by converting mine-run waste grades into several high purity finished products that fall within prime grade specifications. These grades are produced at our ISO 9001:2015 certified milling facilities.

Magris' Yellowstone Mine, a high purity, micro crystalline talc deposit, has been in operation since 1942. In 2022, the mine shipped its 10-millionth ton of talc ore. Now with certified sustainable grades, we are better preserving the resource of a world class talc deposit by converting what once was a waste stream into high purity talc products.

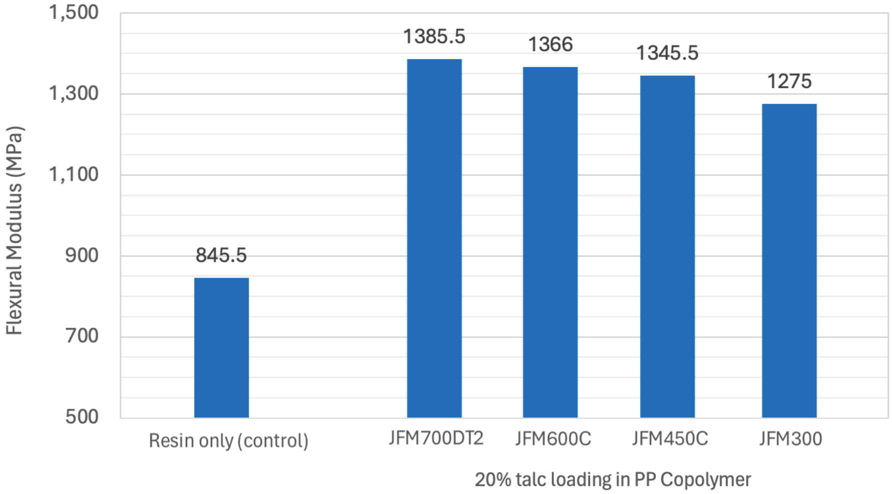
The following talc products in the JetFil® M-Series, along with select other grades, have been validated by UL Environment, Inc. to bear the Environment Claim Validation logo and contain 100% pre-consumer (post-industrial) recycled content:

ULE ECV 2809 100% Recycled Products		
JetFil® M200	Mistron® 100	Mistron® Plus‡
JetFil® M300	Mistron® Vapor RE	Mistron® HP‡
JetFil® M353	Silverline® 504	MistroFoam®‡
JetFil® M400		
JetFil® M450		
JetFil® M600		
JetFil® M700		

‡ >99% Recycled

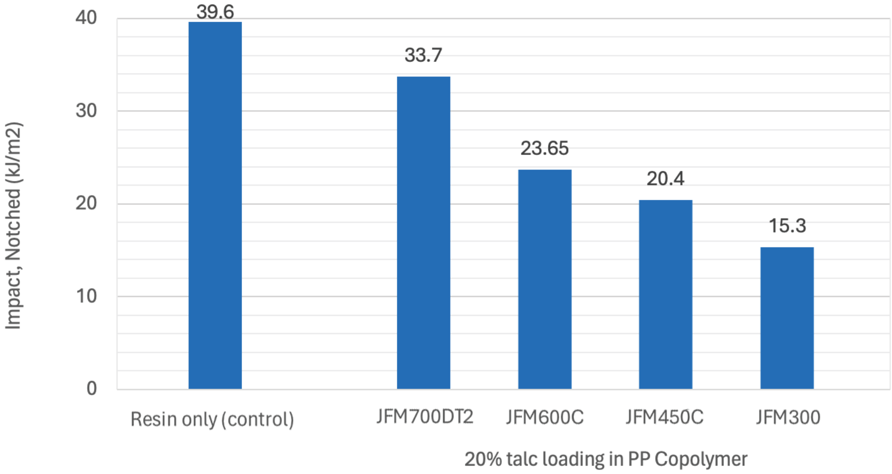
FLEXURAL MODULUS

Cost effective "Green Talc" performance is excellent; coarsest talc (JFM300) increased resin Flexural Modulus by about 51%, stiffness increase is incrementally higher as the particle size distribution gets finer; the finest offering (JFM700DT2) is about 64% higher in flexural Modulus than the base resin.



IMPACT, NOTCHED

Cost effective "Green Talc" performance is in line with "Top-Size" of talc and talc loading; the finest Top-Sized talc performed the best, with the coarser talcs incrementally lower in impact properties; the finest offering (JFM700DT2) is about 85% of the base resin impact properties.



HEAT DISTORTION TEMPERATURE

Cost effective "Green Talc" performance is in line with "fineness and lamellarity derived from milling"; best HDT temperature is attained by our 6 Hegman (JMF600C) talc with an increase of HDT over the control resin of 40°C; the finer (JFM700DT2) talc is a bit lower in HDT differential from the base resin at 33°C, due to milling sheer-cleavage (slight decrease in lamellarity) to attain a 7 Hegman top-size.