Marshall Additive TECHNOLOGIES
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H-TEC™ 900
ALUMINA TRIHYDRATE (ATH)
(Precipitated)

General Chemical and Physical Properties (typical)

$Al_2O_3 \cdot 3H_2O$	99.2% min
SiO_2	0.05% max
Fe_2O_3	0.035% max
Na_2O	0.6% max
Free Moisture	0.5% max
Loss on ignition (1000°C)	34.6%
Specific Gravity	2.42
Refractive Index	1.58
Mohs Hardness	3.0
Color	White
Decomposition Temp.	220°C (428°F)

H-TEC™ 900 alumina trihydrate has good flowability and wetout. H-TEC™ 900 provides a cost effective way to flame retard and smoke suppress plastics, rubber, adhesives, coatings and other polymer systems.

Typical Properties	
D^{50} Median particle size (microns)	0.9
D^{90} particle size (microns)	2.9
BET surface area (m^2/g)	11
+ 325 mesh (%)	0.03

APPLICATIONS: These ATH products are used in flexible and rigid PVC, nitrile rubbers, neoprene, polyolefins, EPDM, SBR, EPR, latexes, urethanes, EVA copolymers, unsaturated polyesters and other systems.

HEALTH AND SAFETY: For specific information, refer to the Material Safety Data Sheet.

PACKAGING: Standard packaging is 44 pound plastic bags, 2288 pounds to a pallet.
Bulk bags: 2204 pounds each.

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